

R E P O R T
OF THE
HEALTH OF LIVERPOOL,

DURING THE YEAR 1883,

WITH MAP, SHOWING THE LOCALITIES OF THE FATAL PREVALENCE
OF FEVER.

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LIVERPOOL:
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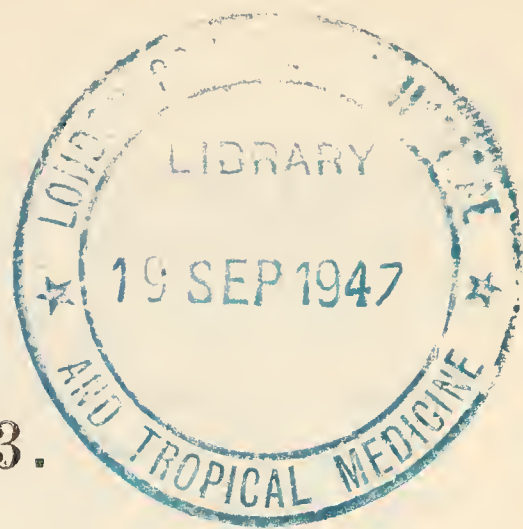
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REPORT, 1883.

THE area of the City being 5,210 acres, inclusive of the Docks and Quays, and the estimated population 566,753, the density of the population is 108·8 persons per acre. The number of births was 19,907, being 591 less than in the previous year; while the deaths, 15,074, were 256 more, thus raising the death rate from 26·4 to 26·6.

The greatest mortality was in the first quarter of the year, when 4,359 persons died, against 3,698 in the previous year. The lowest death return was for the quarter terminating in December, when 3,450 deaths were recorded; while the deaths in the corresponding quarter of 1882 were 4,089. These variations were brought about by the differences in the meteorological conditions acting upon a susceptible population, the mean temperature of the first three months of 1882 being for January 42·3°, for February 43·8°, and for March 46·4°; while the mean for the corresponding months of 1883 was 40·4°, 43·4°, and 37·2°. The conditions were entirely reversed during the last quarter, the mean temperature for October, November, and December, in 1882, being 50·1°, 42·9°, and 32·9°; while the mean for the corresponding months of 1883 was 50·0°, 44·3°, and 42·3°. The variation was reflected principally in the number of deaths from lung diseases and phthisis.

FEVER.

The continued prevalence of fever and the difficulty arising from the want of proper hospital accommodation, created considerable anxiety, and the Medical Officer was directed to report upon the subject. With the exception of the Netherfield Hospital, which is supported by public contributions and the payments for patients, the only provision for infectious cases is at the hospitals attached to the Workhouses in Brownlow Hill for the Parish, Mill Road for West Derby, and Smithdown Road for the Toxteths. The accommodation thus provided is in Netherfield Road Hospital for 70 patients, Brownlow

Hill 160, Mill Road 98, and Smithdown Road between 20 and 30, which can be extended to 100.

There was a strong feeling entertained, particularly in the Toxteths, that persons removed compulsorily by the Medical Officer became paupers and were deprived of their civil rights. On reference to Section 33, Sub-section A, of the Municipal Corporations Act of 1882, it will be seen that—"A person shall not be disentitled to be enrolled as a burgess by reason only (a) that he has received medical or surgical assistance from the trustees of the municipal charities, or has been removed by order of a Justice to a hospital or place for the reception of the sick, at the cost of any local authority; or (b) that his child has been admitted to and taught in any public or endowed school."

The only persons who can be removed under the order of a Justice are those who are suffering from a dangerous infectious disorder, and are in the language of the 124th section of the Public Health Act, 1875, "without proper lodging or accommodation, or are lodged in a room occupied by more than one family, or on board any ship, or in any common lodging-house." How far the rights of a person who willingly goes to hospital when suffering from infectious disease may be jeopardised is for the lawyers to say; but any right-minded person would coincide with the view of a commentator on this clause, who says:—"Perhaps the clause as it stands saves the right of the volunteer, for it would be contrary to common sense to hold that a volunteer, who confers a benefit on the community, should stand in a worse position than his obstinate neighbour who has to be compelled, at the serious risks attendant upon delay, to obey the law."

Whatever may be the legal interpretation of the clause, it is contrary to the obligation imposed upon the Sanitary Authority to enforce the removal of a person to a workhouse hospital, when the Public Health Act gives them every power to provide hospital accommodation for infectious cases, without subjecting anyone to the taint or suspicion of pauperism.

The Medical Officer in his Report advised "that sufficient land should be bought for the erection of an hospital on the pavilion principle, with ample space for isolation from any dwelling-house or public road, and that 150 beds for smallpox, and 500 beds for the other infectious diseases, should be immediately provided, and to be extended in the future as required. Further: he would suggest the advisability of retaining Netherfield Hospital for paying patients."

Subsequently he was requested to report "as to the extent and nature of accommodation, and the quantity of land required for the treatment of cases of infectious diseases;" and the following observations are extracted from the report:—"An infectious hospital should have an administrative department in a separate building, providing accommodation for the master, matron, and nurses, and to this might be attached the kitchen and storerooms. The doctors should have another building, with accommodation for a secretary or book-keeper and a dispensary. There should be a porter's lodge, a reception room for patients, and an observation ward for doubtful cases. A laundry, disinfecting stove, and mortuary would be required. There should be telephonic communication between the porter's lodge and each ward of the hospital, so that visitors might communicate with their friends without incurring the risk of contagion." "The hospital wards should be separate and contain twelve beds each. One building might contain four wards, with nurses' rooms, baths, w.c.s., &c. The distance between the pavilions should, if possible, be one and a-half times their height. Permanent pavilions should be provided for 50 smallpox cases, and all arrangements made for providing wooden sheds for 100 patients in case of an outbreak, which could afterwards be burned. Two hundred beds should be provided for fever, 150 for scarlatina, and 150 for the other diseases." "The land required would be at least 10 acres."

At a meeting of the City Council, on 5th September, 1883, the Health Committee presented a report on the hospital accommodation for infectious disease, and the following resolutions were approved:—"1. That the Report of the Medical Officer of Health, dated 22nd August, 1883, affords the information he has obtained as to the existing accommodation for the treatment of cases of infectious disease.—2. That they are unanimously of opinion that further hospital accommodation is necessary.—3. That they recommend that a site of sufficient extent should be acquired to admit of the construction of separate pavilions for the reception of such cases of infectious disease as may require isolation one from the other, and that the Committee be authorised to take the necessary steps to obtain such a site."

The number of fever cases coming under notice during the year was 2,800, of which 540 died in the registration districts of the City, and 89 in the Smithdown Road Hospital outside the City. The number of inhabitants of the Toxteths who died at home was 55, which, added to 87 who were removed from their homes inside the City and died in Smithdown Road Hospital, and 3 who died in Netherfield Hospital, gives the total number of deaths of inhabitants of North and South Toxteth Wards as 145. This explanation is necessary, because the report deals only with deaths occurring in the City, and a wrong

impression might be formed respecting the prevalence and mortality of fever in that district. The population of the Toxteths is about one-fifth of the population of the whole City, and the percentage of mortality from fever is 23·0.

The causes and incidence of fever in Liverpool are fully considered in a Special Report by the Medical Officer, prepared in accordance with a resolution of the City Council.

SMALLPOX.

This disease is rarely absent owing to the frequent importation of fresh cases by visitors, emigrants, and others. In January there were six cases, two of which came from the s.s. "Caspain" and "Abyssinia." In February, five cases. In March, three cases—one from a canal boat and two from the s.s. "Belgravia." In April, three cases. In May, eight cases. In June, fifteen cases—one of which came from the s.s. "Pavonia," and three emigrants from the Alexandra Dock. In July, three cases—one of them from the s.s. "Rydal Hall." In August, eight cases. In September, three cases. In October, four cases, including one from the s.s. "Servia." In November, fourteen cases—two of which came from the s.s. "Scythia." In December, the number of cases reported had increased to 54, all inhabitants of the City, apparently threatening an epidemic visitation of this loathsome disease. The total number of cases reported during the year was 126, of which 105 were removed to hospital.

SCARLATINA.

The deaths from this disease were 388, being 8 more than in the previous year, while the cases reported were 1,422, against 1,580 in 1882. Of the total deaths, 293 occurred in the Out-townships, whilst the Parish, or Old Liverpool, with its courts and alleys, is debited with 95.

MEASLES

Was more fatal than usual, causing 618 deaths, 208 more than in 1882, and 205 more than the average of the previous ten years. The total number of cases reported was 2,042.

OTHER ZYMOTICS.

DIARRHŒA accounted for 518 deaths, the average being 743.

WHOOPING COUGH caused 395 deaths, the average being 442.

Whenever a case of infectious disease is reported inquiries are made if any children are going from the house to school, and post cards are sent to the head masters and mistresses notifying the fact. During the year 3,466 such cards were sent.

The following table gives the annual number of deaths from diarrhoea and fever, from 1866 to the present date:—

| YEAR. | Deaths from Diarrhoea. | Deaths from Fever. | Deaths from Relapsing Fever. |
|-------|---------------------------|-----------------------|---------------------------------|
| 1866 | 1145 | 1523 | ... |
| 1867 | 796 | 656 | ... |
| 1868 | 1108 | 841 | ... |
| 1869 | 1001 | 783 | ... |
| 1870 | 1151 | 572 | 355 |
| 1871 | 1127 | 701 | 207 |
| 1872 | 998 | 451 | 25 |
| 1873 | 906 | 335 | ... |
| 1874 | 879 | 449 | ... |
| 1875 | 842 | 490 | ... |
| 1876 | 694 | 398 | ... |
| 1877 | 605 | 382 | ... |
| 1878 | 979 | 375 | ... |
| 1879 | 402 | 248 | ... |
| 1880 | 1028 | 256 | ... |
| 1881 | 508 | 292 | ... |
| 1882 | 587 | 593 | ... |
| 1883 | 518 | 540 | ... |

During the fifty-two weeks of the year 1883 (terminating on Saturday, December 29th), the Returns of the Local Registrars record 19,907 births and 15,074 deaths within the City; the numbers for the corresponding period of the previous year, 1882, were 20,498 births and 14,818 deaths.

Of the births 10,189 were males and 9,718 were females, making the total Birth-rate of the City equal to 35·1 per 1,000; the average of the previous ten years being 38·2.

The Distribution of the births in the different wards and districts of the City has been arranged in the following table:—

BIRTHS.

| DISTRICTS AND WARDS. | | 1st Quarter. | | 2nd Quarter. | | 3rd Quarter. | | 4th Quarter. | | Annual. |
|----------------------|-------------------------------|--------------|---------|--------------|---------|--------------|---------|--------------|---------|---------|
| | | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Births |
| Parish. | Scotland | 350 | 322 | 318 | 304 | 277 | 300 | 320 | 260 | 2451 |
| | Vauxhall | 56 | 79 | 60 | 75 | 62 | 56 | 51 | 66 | 505 |
| | St. Paul's and Exchange.. | 74 | 69 | 72 | 59 | 79 | 65 | 50 | 67 | 535 |
| | St. Anne's and Lime Street | 144 | 126 | 133 | 134 | 128 | 114 | 103 | 102 | 987 |
| | Castle Street and St. Peter's | 14 | 16 | 19 | 11 | 16 | 14 | 16 | 12 | 118 |
| | Pitt Street and Gt. George | 91 | 66 | 64 | 71 | 66 | 63 | 59 | 57 | 540 |
| | Rodney St. & Abercromby | 160 | 150 | 153 | 147 | 134 | 136 | 134 | 121 | 1135 |
| Out-Townships. | Everton | 565 | 521 | 559 | 503 | 491 | 453 | 489 | 501 | 4082 |
| | Kirkdale..... | 312 | 332 | 320 | 305 | 320 | 300 | 301 | 276 | 2496 |
| | West Derby | 399 | 367 | 354 | 352 | 324 | 315 | 359 | 303 | 2773 |
| | The Toxteths..... | 604 | 554 | 576 | 535 | 489 | 510 | 491 | 526 | 4285 |
| Parish..... | | 889 | 828 | 822 | 804 | 762 | 748 | 733 | 685 | 6271 |
| Out-Townships | | 1910 | 1774 | 1809 | 1695 | 1624 | 1578 | 1640 | 1606 | 13636 |
| City..... | | 2799 | 2602 | 2631 | 2499 | 2386 | 2326 | 2373 | 2291 | 19907 |

DEATHS.

Of the 15,074 deaths 7,725 were of males, and 7,349 of females; 6,868 occurred in the Parish, and 8,206 in the Out-townships.

The Death-rate of the City was equal to 26·6 per 1,000. The average of the previous ten years was 27·6 per 1,000.

The following table shows the actual number of deaths registered in the Parish and Out-townships, previous to the transference to the districts from whence the patients were removed, of the deaths occurring in the Workhouses and Hospitals. The death-rate of the Parish was equal to 33·8 and that of the Out-townships to 22·5 per 1000 of the population.

The deaths occurred in the following districts:—

| DISTRICTS. | | 1st Quarter. | | 2nd Quarter. | | 3rd Quarter. | | 4th Quarter. | | Annual. |
|---------------------|--|--------------|----------|--------------|----------|--------------|----------|--------------|----------|---------|
| | | Male. | Fe-male. | Male. | Fe-male. | Male. | Fe-male. | Male. | Fe-male. | Deaths. |
| Parish. | Scotland | 274 | 279 | 242 | 253 | 208 | 213 | 224 | 231 | 1924 |
| | Vauxhall | 67 | 77 | 39 | 49 | 51 | 62 | 32 | 46 | 423 |
| | St. Paul's and Exchange | 72 | 71 | 54 | 57 | 47 | 39 | 51 | 60 | 451 |
| | St. Anne's and Lime Street | 117 | 127 | 113 | 98 | 105 | 119 | 87 | 83 | 849 |
| | Castle Street and St. Peter's | 20 | 12 | 14 | 11 | 16 | 12 | 25 | 11 | 121 |
| | Pitt Street and Great George | 69 | 76 | 51 | 52 | 37 | 43 | 46 | 44 | 418 |
| | Rodney Street and Abercromby | 96 | 105 | 87 | 84 | 74 | 72 | 85 | 79 | 682 |
| | Parish Workhouse and Hospitals | 350 | 301 | 290 | 215 | 248 | 166 | 242 | 188 | 2000 |
| Out-Townships. | Everton | 322 | 367 | 323 | 264 | 280 | 284 | 312 | 305 | 2457 |
| | Kirkdale | 193 | 184 | 205 | 130 | 150 | 150 | 162 | 151 | 1325 |
| | West Derby | 177 | 185 | 161 | 180 | 171 | 167 | 152 | 160 | 1353 |
| | The Toxteths | 286 | 341 | 320 | 317 | 321 | 320 | 257 | 259 | 2421 |
| | Out-Township Workhouse and Hospitals } | 114 | 77 | 95 | 58 | 95 | 53 | 96 | 62 | 650 |
| Parish | | 1065 | 1048 | 890 | 819 | 786 | 726 | 792 | 742 | 6868 |
| Out-Townships | | 1092 | 1154 | 1104 | 949 | 1017 | 974 | 979 | 937 | 8206 |
| City | | 2157 | 2202 | 1994 | 1768 | 1803 | 1700 | 1771 | 1679 | 15074 |

From the returns made as to the residences of persons dying in the Workhouses and Hospitals of the town, we are able to classify 2,237 of the deaths in these establishments under the Wards from whence the patients were removed, viz.:—508 under Scotland Ward, 179 under Vauxhall Ward, 86 under St. Paul's Ward, 89 under Exchange Ward, 295 under St. Anne's Ward, 87 under Lime Street Ward, 3 under Castle Street Ward, 35 under St. Peter's Ward, 67 under Pitt Street Ward, 87 under Great George's Ward, 73 under Rodney Street Ward, 100 under Abercromby Ward, 281 under the Out-township of Everton, 99 under that of Kirkdale, 136 under West Derby Ward, 62 under North Toxteth Ward, and 50 under South Toxteth Ward. This will leave unclassified 204 deaths of persons whose previous residences were either unknown or not specified; and these, in the absence of definite information,

have been placed in the Wards in proportion to the number of total deaths ; and 209 who were residents outside the City.

The results of the alterations occasioned by this re-arrangement of the deaths in the wards and districts will be shown in the following table, from which a calculated rate of mortality per 1,000 of the estimated inhabitants has been made.

| WARDS. | Annual. | |
|---|---------|----------------|
| | Deaths. | Rate per 1000. |
| Scotland | 2466 | 35·9 |
| Vauxhall | 610 | 41·9 |
| St. Paul's | 331 | 31·6 |
| Exchange | 304 | 35·6 |
| St. Anne's | 952 | 38·4 |
| Lime Street | 296 | 27·2 |
| Castle Street | 25 | 23·8 |
| St. Peter's | 136 | 25·8 |
| Pitt Street | 247 | 33·0 |
| Great George | 332 | 31·8 |
| Rodney Street | 399 | 22·4 |
| Abercromby | 469 | 20·3 |
| Everton | 2776 | 24·5 |
| Kirkdale..... | 1444 | 22·1 |
| West Derby | 1510 | 21·1 |
| North Toxteth | 1396 | 20·0 |
| South Toxteth | 1172 | 26·9 |
| Hospitals (Residences outside City) | 209 | .. |
| | 15074 | 26·6 |

The following table shows the natural increase or decrease of population, and the number of births and deaths during the year 1883 in the several districts of the City :—

| DISTRICTS AND WARDS. | Births. | Deaths. | Increase. | Decrease. |
|---|---------|---------|-----------|-----------|
| Scotland | 2451 | 2466 | .. | 15 |
| Vauxhall | 505 | 610 | .. | 105 |
| St. Paul's and Exchange..... | 535 | 635 | .. | 100 |
| St. Anne's and Lime Street | 987 | 1248 | .. | 261 |
| Castle Street and St. Peter's | 118 | 161 | .. | 43 |
| Pitt Street and Gt. George..... | 540 | 579 | .. | 39 |
| Rodney Street and Abercromby | 1135 | 868 | 267 | .. |
| Everton | 4082 | 2776 | 1306 | .. |
| Kirkdale... .. | 2496 | 1444 | 1052 | .. |
| West Derby | 2773 | 1510 | 1263 | .. |
| The Toxteths..... | 4285 | 2568 | 1717 | .. |
| City | 19907 | 14865 | 5042 | .. |
| Hospitals (Residences outside City) | .. | 209 | .. | .. |
| Total..... | 19907 | 15074 | 4833 | .. |

The following table, taken from the Registrar-General's Reports, will enable us to compare the mortality of Liverpool with thirty of the large towns of the United Kingdom :—

| TOWNS. | Estimated Population in the middle of the year 1883. | Births in 52 Weeks, ending 29th Dec., 1883. | Deaths in 52 Weeks, ending 29th Dec., 1883. | Annual Rate to 1,000 of Population. | | Population on Acre. |
|-----------------------------|--|---|---|-------------------------------------|---------|---------------------|
| | | | | Births. | Deaths. | |
| London | 3955814 | 133656 | 80578 | 33·8 | 20·3 | 52·5 |
| Brighton | 111262 | 3237 | 2131 | 29·1 | 19·1 | 47·3 |
| Portsmouth | 131478 | 4631 | 2438 | 35·2 | 18·5 | 29·3 |
| Norwich | 89612 | 3046 | 1754 | 34·0 | 19·6 | 12·0 |
| Plymouth | 74977 | 2354 | 1559 | 31·4 | 20·8 | 53·7 |
| Bristol | 212779 | 6839 | 3795 | 32·2 | 17·8 | 47·8 |
| Wolverhampton | 77557 | 2804 | 1644 | 36·2 | 21·2 | 22·8 |
| Birmingham | 414846 | 14716 | 8824 | 35·5 | 21·3 | 49·4 |
| Leicester | 129483 | 4787 | 2503 | 37·0 | 19·3 | 40·5 |
| Nottingham | 199349 | 7846 | 4224 | 39·4 | 21·2 | 20·0 |
| Derby | 85574 | 3067 | 1543 | 35·9 | 18·0 | 24·8 |
| Birkenhead | 88700 | 3130 | 1756 | 35·3 | 19·8 | 22·8 |
| Bolton | 107862 | 3720 | 2331 | 34·5 | 21·6 | 37·7 |
| Manchester | 339252 | 12157 | 9344 | 35·9 | 27·5 | 79·0 |
| Salford | 190465 | 6778 | 4254 | 35·6 | 22·3 | 36·8 |
| Oldham | 119071 | 4185 | 2611 | 35·2 | 21·9 | 25·5 |
| Blackburn | 108460 | 4228 | 2648 | 39·0 | 24·4 | 15·6 |
| Preston | 98564 | 3751 | 2503 | 38·1 | 25·4 | 27·0 |
| Huddersfield | 84701 | 2495 | 1798 | 29·5 | 21·2 | 8·1 |
| Halifax | 75591 | 2187 | 1510 | 29·0 | 20·0 | 20·4 |
| Bradford | 204807 | 5961 | 3743 | 39·1 | 18·3 | 19·0 |
| Leeds | 321611 | 11118 | 7454 | 34·6 | 23·2 | 14·9 |
| Sheffield | 295497 | 10812 | 6755 | 36·6 | 22·9 | 15·0 |
| Hull | 176296 | 6458 | 4006 | 36·7 | 22·7 | 22·3 |
| Sunderland | 121117 | 5054 | 2962 | 41·8 | 24·4 | 43·8 |
| Newcastle-on-Tyne | 149464 | 5478 | 3792 | 36·7 | 25·4 | 27·8 |
| Cardiff | 90033 | 3519 | 1813 | 39·1 | 20·1 | 13·2 |
| Edinburgh | 235946 | 6820 | 4514 | 28·9 | 19·1 | 56·3 |
| Glasgow | 515589 | 19751 | 14483 | 38·3 | 28·1 | 85·5 |
| Dublin | 349685 | 9955 | 10161 | 28·4 | 29·1 | 34·8 |
| Liverpool | 566753 | 19907 | 15074 | 35·1 | 26·6 | 108·8 |

The deaths of Infants below the fifth year of their age amounted to 6,731, and thus comprised 44·7 per cent. of the whole deaths ; the average number for the preceding ten years was 6,759, and the average percentage 46·1. The deaths of Infants below one year of age amounted to 3,686, or 18·5 per cent. of all the children born within the City died before attaining the age of twelve months.

The first of the following tables shows the districts where Infantile Mortality was relatively and absolutely greatest, the second table illustrates the influence of age on the death-rate of the City, and the third table places, in one connected view, the pathological history of the death registry.

| WARDS. | | Quarters. | | | | Annual. | Per Cent. age of Deaths under 5 years to Total Deaths. |
|---|-------------------|-----------|-------|-------|------|---------|--|
| | | March. | June. | Sept. | Dec. | | |
| Scotland | { Total Deaths.. | 553 | 495 | 421 | 455 | 1924 | } 56·8 |
| | { Below 5 years.. | 300 | 268 | 269 | 255 | 1092 | |
| Vauxhall | { Total Deaths.. | 144 | 88 | 113 | 78 | 423 | } 51·5 |
| | { Below 5 years.. | 71 | 38 | 65 | 44 | 218 | |
| St. Paul's | { Total Deaths.. | 82 | 55 | 45 | 58 | 240 | } 47·9 |
| | { Below 5 years.. | 34 | 25 | 30 | 26 | 115 | |
| Exchange | { Total Deaths.. | 61 | 56 | 41 | 53 | 211 | } 36·5 |
| | { Below 5 years.. | 23 | 21 | 14 | 19 | 77 | |
| St. Anne's | { Total Deaths.. | 189 | 159 | 172 | 124 | 644 | } 52·0 |
| | { Below 5 years.. | 86 | 87 | 105 | 57 | 335 | |
| Lime Street | { Total Deaths.. | 55 | 52 | 52 | 46 | 205 | } 49·8 |
| | { Below 5 years.. | 22 | 24 | 36 | 20 | 102 | |
| Castle Street | { Total Deaths.. | 7 | 8 | 5 | 2 | 22 | } 22·7 |
| | { Below 5 years.. | .. | 3 | 2 | .. | 5 | |
| St. Peter's | { Total Deaths.. | 25 | 17 | 23 | 34 | 99 | } 42·4 |
| | { Below 5 years.. | 9 | 8 | 11 | 14 | 42 | |
| Pitt Street | { Total Deaths.. | 54 | 40 | 40 | 43 | 177 | } 47·5 |
| | { Below 5 years.. | 23 | 22 | 19 | 20 | 84 | |
| Great George | { Total Deaths.. | 91 | 63 | 40 | 47 | 241 | } 44·0 |
| | { Below 5 years.. | 31 | 26 | 28 | 21 | 106 | |
| Rodney Street..... | { Total Deaths.. | 86 | 80 | 65 | 89 | 320 | } 32·5 |
| | { Below 5 years.. | 25 | 33 | 20 | 26 | 104 | |
| Abercromby..... | { Total Deaths.. | 115 | 91 | 81 | 75 | 362 | } 37·0 |
| | { Below 5 years.. | 35 | 34 | 37 | 28 | 134 | |
| Parish Workhouse and Hospitals | { Total Deaths.. | 651 | 505 | 414 | 430 | 2000 | } 14·5 |
| | { Below 5 years.. | 114 | 53 | 65 | 58 | 290 | |
| Everton..... | { Total Deaths.. | 689 | 587 | 564 | 617 | 2457 | } 53·4 |
| | { Below 5 years.. | 336 | 283 | 341 | 351 | 1311 | |
| Kirkdale | { Total Deaths.. | 377 | 335 | 300 | 313 | 1325 | } 54·8 |
| | { Below 5 years.. | 192 | 188 | 179 | 167 | 726 | |
| West Derby..... | { Total Deaths.. | 362 | 341 | 338 | 312 | 1353 | } 49·4 |
| | { Below 5 years.. | 155 | 155 | 202 | 156 | 668 | |
| North Toxteth..... | { Total Deaths.. | 344 | 345 | 329 | 297 | 1315 | } 48·5 |
| | { Below 5 years.. | 139 | 187 | 166 | 146 | 638 | |
| South Toxteth..... | { Total Deaths.. | 283 | 292 | 312 | 219 | 1106 | } 57·6 |
| | { Below 5 years.. | 144 | 161 | 210 | 122 | 637 | |
| Out-Township Workhouse and Hospitals | { Total Deaths.. | 191 | 153 | 148 | 158 | 650 | } 7·2 |
| | { Below 5 years.. | 9 | 12 | 14 | 12 | 47 | |
| Parish | { Total Deaths.. | 2113 | 1709 | 1512 | 1534 | 6868 | } 39·4 |
| | { Below 5 years.. | 773 | 642 | 701 | 588 | 2704 | |
| Out-Townships | { Total Deaths.. | 2246 | 2053 | 1991 | 1916 | 8206 | } 49·1 |
| | { Below 5 years.. | 975 | 986 | 1112 | 954 | 4027 | |
| City | { Total Deaths.. | 4359 | 3762 | 3503 | 3450 | 15074 | } 44·7 |
| | { Below 5 years.. | 1748 | 1628 | 1813 | 1542 | 6731 | |

| AGES. | Quarters. | | | | Annual. | |
|----------------------------------|-----------|-------|-------|------|---------|------------------------------|
| | March. | June. | Sept. | Dec. | Deaths. | Rate per 1000 of population. |
| Deaths below 1 year of age | 901 | 846 | 1067 | 872 | 3686 | 6.5 |
| „ between 1 year and 5 | 847 | 782 | 746 | 670 | 3045 | 5.4 |
| „ „ 5 „ 20 | 333 | 297 | 254 | 260 | 1144 | 2.0 |
| „ „ 20 „ 60 | 1578 | 1271 | 1025 | 1137 | 5011 | 8.8 |
| „ above 60 years | 698 | 565 | 409 | 510 | 2182 | 3.9 |
| „ at ages unknown | 2 | 1 | 2 | 1 | 6 | .. |
| „ at all ages | 4359 | 3762 | 3503 | 3450 | 15074 | 26.6 |

The Registrars' Returns show that there were 17 deaths (13 women and 4 men) at the age of 90 and upwards, viz., 3 males and 3 females at 90, 2 females at 91, 4 females at 92, 1 female at 93, 1 male at 94, and 3 females at 95.

| CLASSES. | QUARTERS. | | | | YEAR |
|---|-----------|-------|-------|------|-------|
| | March. | June. | Sept. | Dec. | 1883. |
| 1. Zymotic Diseases | 639 | 721 | 928 | 644 | 2932 |
| 2. Diseases of Uncertain Seat | 105 | 95 | 88 | 105 | 393 |
| 3. Tubercular Diseases | 569 | 571 | 462 | 435 | 2037 |
| 4. Diseases of Brain, &c. | 503 | 414 | 397 | 436 | 1750 |
| 5. „ of Heart, &c. | 240 | 197 | 189 | 217 | 843 |
| 6. „ of Lungs, &c. | 1225 | 872 | 494 | 781 | 3372 |
| 7. „ of Stomach, &c. | 190 | 167 | 200 | 150 | 707 |
| 8. „ of Kidneys, &c. | 101 | 79 | 67 | 68 | 315 |
| 9. Childbirth, Diseases of Uterus, &c. | 20 | 20 | 19 | 21 | 80 |
| 10. Rheumatism, Diseases of the Joints, &c. | 19 | 12 | 13 | 9 | 53 |
| 11. Diseases of the Skin, Cellular Tissue, &c. | 22 | 20 | 17 | 21 | 80 |
| 12. Malformations | 15 | 7 | 7 | 7 | 36 |
| 13. Premature Birth | 58 | 57 | 64 | 49 | 228 |
| 14. Atrophy and Debility | 266 | 251 | 290 | 206 | 1013 |
| 15. Old Age | 169 | 96 | 85 | 108 | 458 |
| 16. Privation, Cold, &c. | .. | 1 | 1 | 1 | 3 |
| 17. Inquests | 211 | 168 | 174 | 184 | 737 |
| Causes not specified | 7 | 14 | 8 | 8 | 37 |
| All Causes | 4359 | 3762 | 3503 | 3450 | 15074 |
| Total Zymotics | 639 | 721 | 928 | 644 | 2932 |
| Smallpox | 1 | 5 | 8 | 12 | 26 |
| Measles | 100 | 225 | 171 | 122 | 618 |
| Scarlatina | 99 | 78 | 105 | 106 | 388 |
| Hooping Cough | 110 | 120 | 87 | 78 | 395 |
| Diarrhœa | 26 | 64 | 333 | 95 | 518 |
| Fever | 180 | 123 | 128 | 109 | 540 |

ZYMOTICS.

This class of diseases occasioned 2,932 deaths during the year 1883, and accounted for 19·4 per cent. of the total mortality within the City during the same period. The average number of deaths from these diseases for the preceding ten years was 3,115, and the percentage death rate for 1883 was 1·7 per cent. less than the proportional rate of zymotic deaths to deaths from all causes during the preceding decennial period. The following table shows the localities and the periods of their fatal prevalence :—

| WARDS, &c. | Deaths from all Causes. | ZYMOTICS. | | | | |
|------------------------------------|-------------------------|-----------|-------|-------|------|--|
| | | Quarters. | | | | Per Centage of Zymotic Deaths to Deaths from all Causes. |
| | | March. | June. | Sept. | Dec. | |
| Scotland | 1924 | 112 | 101 | 136 | 91 | 22·9 |
| Vauxhall | 423 | 24 | 13 | 35 | 17 | 21·0 |
| St. Paul's | 240 | 15 | 7 | 14 | 7 | 17·9 |
| Exchange | 211 | 7 | 10 | 14 | 6 | 17·5 |
| St. Anne's | 644 | 18 | 23 | 47 | 20 | 16·8 |
| Lime Street | 205 | 6 | 8 | 10 | 6 | 14·6 |
| Castle Street | 22 | 1 | .. | .. | 1 | 9·1 |
| St. Peter's | 99 | 2 | 3 | 4 | 8 | 17·2 |
| Pitt Street | 177 | 2 | 9 | 7 | 10 | 15·8 |
| Great George | 241 | 13 | 16 | 9 | 15 | 22·0 |
| Rodney Street | 320 | 4 | 9 | 10 | 4 | 8·4 |
| Abercromby | 362 | 9 | 10 | 14 | 13 | 12·7 |
| Liverpool Workhouse Hospital | 1521 | 100 | 73 | 68 | 57 | 19·6 |
| Royal Infirmary | 272 | 6 | 2 | .. | 3 | 4·0 |
| Children's Infirmary | 64 | 3 | .. | 2 | 7 | 18·8 |
| Lying-in Hospital | .. | .. | .. | .. | .. | .. |
| Consumption Hospital | 10 | .. | .. | .. | .. | .. |
| North Hospital | 133 | .. | 1 | .. | 2 | 2·3 |
| Stanley Hospital | 67 | .. | .. | .. | .. | .. |
| Royal South Hospital | 133 | 2 | .. | 2 | 2 | 4·5 |
| Netherfield Road Hospital | 80 | 15 | 12 | 20 | 24 | 88·8 |
| West Derby Union Hospital | 370 | 27 | 27 | 26 | 24 | 28·1 |
| Everton | 2457 | 98 | 98 | 161 | 140 | 20·2 |
| Kirkdale | 1325 | 51 | 69 | 73 | 67 | 19·6 |
| West Derby | 1353 | 38 | 63 | 82 | 45 | 16·9 |
| North Toxteth | 1315 | 47 | 89 | 86 | 42 | 20·1 |
| South Toxteth | 1106 | 39 | 78 | 108 | 33 | 23·3 |
| Parish | 6868 | 322 | 285 | 370 | 267 | 18·1 |
| Out-Townships | 8206 | 317 | 436 | 558 | 377 | 20·6 |
| City | 15074 | 639 | 721 | 928 | 644 | 19·4 |

FEVER.

Fever accounted for 540 deaths within the City of Liverpool, or for 306 in the Parish and 234 in the Out-Townships, being a decrease of 53 on the previous year. (The average number of deaths for the preceding ten years was 382). The rate of its mortality was equal to 1·0 per 1,000 of the estimated population. Its percentage rate relatively to deaths from all causes was 4·1 during the first, 3·3 during the second, 3·7 during the third, and 3·2 during the fourth quarter of the year. Its annual rate relatively to deaths from all causes

was 3·6 per cent., and relatively to deaths from zymotic causes 18·4 per cent. Its deaths included 291 males and 249 females; 73 persons below the age of 15, 149 between the ages of 15 and 30, and 318 above the age of 30.

Under the term Fever every form of continued fever is included; but the registers of deaths attribute 1 case to gastric fever, 75 to typhoid fever, 32 to enteric fever, 6 to continued fever, 2 to febris, 408 to typhus, 9 to fever, 1 to relapsing fever, 3 to low fever, and under that of febricula 3 deaths.

The following tables are in themselves sufficiently explanatory. The first compares the averages of deaths from fever during the preceding ten years with those during 1883; the second and third tables show the districts of the town and the periods of the year in which all forms of continued fever were most fatally prevalent; the fourth marks in streets the habitats of the disease; and the remaining tables the occupations and positions of its victims.

| WARDS. | Exact Average of Fever Deaths for Pre- ceding Ten Years. | Deaths from Fever during the Year 1883. |
|-----------------------|--|---|
| Scotland..... | 38 | 34 |
| Vauxhall | 8 | 3 |
| St. Paul's | 6 | 8 |
| Exchange | 5 | 4 |
| St. Anne's | 16 | 6 |
| Lime Street | 5 | 3 |
| Castle Street..... | 1 | .. |
| St. Peter's | 2 | 1 |
| Pitt Street..... | 4 | .. |
| Great George..... | 5 | 4 |
| Rodney Street | 5 | 1 |
| Abercromby | 7 | 6 |
| Everton | 65 | 31 |
| Kirkdale | | 15 |
| West Derby | 21 | 18 |
| North Toxteth | 18 | 31 |
| South Toxteth | 22 | 24 |
| Hospital Deaths | 154 | 351 |
| Total | 382 | 540 |

In the above table the averages have been calculated without making allowance for increase of population.

DEATHS FROM FEVER DURING THE YEAR 1883.

| WARDS. | January. | | | | | February. | | | | | March. | | | | | Quarter. | | | | April. | | | | | May. | | | | | June. | | | | | Quarter. |
|---------------------------------------|----------|----|----|----|--|-----------|----|----|----|---|--------|----|----|----|-----|----------|--------|----|----|--------|------|----|----|---|------|-------|----|-----|--|-------|--|--|--|--|----------|
| | January. | | | | | February. | | | | | March. | | | | | Quarter. | April. | | | | May. | | | | | June. | | | | | | | | | |
| | 6 | 13 | 20 | 27 | | 3 | 10 | 17 | 24 | 3 | 10 | 17 | 24 | 31 | 7 | | 14 | 21 | 28 | 5 | 12 | 19 | 26 | 2 | 9 | 16 | 23 | 30 | | | | | | | |
| Scotland | 4 | 3 | 5 | 2 | | 4 | 4 | 4 | 5 | | 7 | 2 | | 3 | 43 | 1 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 3 | 3 | 23 | | | | | | | |
| Vauxhall | 1 | 1 | | 2 | | 1 | | | 2 | | 1 | 1 | | 1 | 10 | | | | | | 1 | 1 | | | | 4 | 1 | 11 | | | | | | | |
| St. Paul's | | 1 | | | | 3 | | | | | | 3 | 1 | | 9 | | 1 | 4 | | | | 1 | | | | 4 | 2 | 15 | | | | | | | |
| Exchange | | | | | | 1 | 2 | | | | 1 | 2 | | 1 | 8 | | 1 | | | | | | | | | | | 1 | | | | | | | |
| St. Anne's | 3 | 1 | 1 | 3 | | 3 | 2 | | 2 | | 4 | 2 | 2 | 2 | 25 | | 1 | | 1 | 1 | 1 | 1 | 2 | | | | | 6 | | | | | | | |
| Lime Street | | | | 1 | | | 1 | | | | | 1 | | | 4 | | | | | | | | | | | | | 4 | | | | | | | |
| Castle Street | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| St. Peter's | | | 1 | | | 1 | 2 | | | | | | | | 4 | | | | | | 1 | | | | | | | 6 | | | | | | | |
| Pitt Street | 2 | | | | | | | | | | | | 1 | | | | 2 | | | | | | 1 | | | | | 3 | | | | | | | |
| Great George | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | | | | 20 | | | | | | | |
| Rodney Street | | 1 | | | | | 1 | | 2 | | | | | | 3 | | | | | | | | | | | | | 8 | | | | | | | |
| Abercromby | 1 | 4 | 1 | 2 | | 2 | 2 | 1 | 3 | | 3 | 2 | 3 | 1 | 27 | 3 | 3 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 20 | | | | | | | |
| Everton | | | | 1 | | 2 | 1 | | | | 1 | 1 | | | 7 | | 1 | | 1 | 1 | 1 | 1 | 2 | | | 1 | 1 | 8 | | | | | | | |
| Kirkdale | | | | | | 4 | | 2 | | | 2 | 1 | 2 | | 12 | | 1 | | | 1 | | | 2 | | | 2 | 6 | | | | | | | | |
| West Derby | 1 | | | | | | | | 1 | | | | | 1 | 9 | | | | | | 2 | | | | | 1 | 6 | | | | | | | | |
| North Toxteth | 1 | 2 | 1 | | | 1 | 1 | 2 | | | 1 | | 1 | | 9 | | 2 | 1 | | | | | 1 | | | | 6 | | | | | | | | |
| South Toxteth | 2 | | | | | 1 | | 1 | | | | | 1 | | 4 | | 2 | | 1 | 1 | | | | | | | 6 | | | | | | | | |
| Hospitals (Residences out of City) .. | | | 1 | 1 | | | | 1 | | | | | | | 4 | | 2 | | | 1 | | | | | | | 6 | | | | | | | | |
| Hospitals (Residences unknown) .. | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | |
| Total | 15 | 13 | 10 | 12 | | 23 | 16 | 11 | 15 | | 20 | 9 | 11 | 9 | 180 | 9 | 12 | 11 | 9 | 12 | 10 | 9 | 10 | 6 | 3 | 14 | 9 | 123 | | | | | | | |

| WARDS. | July. | | | | August. | | | | September. | | | | Quarter. | October. | | | | November. | | | | December. | | | | Quarter. | Year. | | | |
|---------------------------------------|-------|----|----|----|---------|----|----|----|------------|---|----|----|----------|----------|----|----|----|-----------|----|----|----|-----------|---|---|----|----------|-------|-----|-----|---|
| | July. | | | | August. | | | | September. | | | | | October. | | | | November. | | | | December. | | | | | | | | |
| | 7 | 14 | 21 | 28 | 4 | 11 | 18 | 25 | 1 | 8 | 15 | 22 | | 29 | 6 | 13 | 20 | 27 | 3 | 10 | 17 | 24 | 1 | 8 | 15 | | | 22 | 29 | |
| Scotland | 1 | 2 | 3 | 4 | 6 | 8 | 1 | 4 | 3 | 1 | 3 | 4 | 2 | 42 | 5 | 3 | 5 | 1 | 1 | 2 | 4 | 1 | 4 | 1 | 5 | 1 | 39 | 147 | | |
| Vauxhall | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 30 | | |
| St. Paul's | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 31 | | |
| Exchange | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | | |
| St. Anne's | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 42 | | |
| Lime Street | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 12 | | |
| Castle Street | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 12 | | |
| St. Peter's | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 6 | |
| Pitt Street | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 16 | |
| Great George | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 16 | |
| Rodney Street | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Abercromby | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Everton | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Kirkdale | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| West Derby | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| North Toxteth | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| South Toxteth | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Hospitals (Residences out of City) .. | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Hospitals (Residences unknown) .. | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total | 5 | 11 | 10 | 9 | 20 | 13 | 10 | 11 | 9 | 8 | 9 | 7 | 6 | 128 | 11 | 6 | 7 | 12 | 12 | 6 | 7 | 9 | 7 | 5 | 8 | 13 | 6 | 109 | 540 | |

In arranging this table all Deaths occurring in Hospitals have been transferred to the Wards from whence they came.

DEATHS FROM FEVER.

| WARDS. | | QUARTERS. | | | | | | | | YEAR. | | |
|---------------------------------------|--------------------|-----------|----|-------|----|-------|----|-----|----|-------|-----|-------|
| | | March. | | June. | | Sept. | | Dec | | | | |
| | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | TOTAL |
| Scotland | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | 3 | 7 | 2 | 4 | 2 | 6 | 5 | 5 | 12 | 22 | 34 |
| Vauxhall | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | 1 | .. | .. | 2 | .. | .. | .. | 2 | 1 | 3 |
| St. Paul's | { Below 5 years .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 2 | .. | 2 |
| | { Above 5 years .. | 1 | 1 | 1 | 2 | .. | 1 | .. | .. | 2 | 4 | 6 |
| Exchange | { Below 5 years .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| | { Above 5 years .. | .. | 1 | 1 | .. | .. | 1 | .. | .. | 1 | 2 | 3 |
| St. Anne's | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | 1 | 1 | .. | 1 | 1 | 1 | 1 | .. | 3 | 3 | 6 |
| Lime Street | { Below 5 years .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | { Above 5 years .. | .. | 1 | 1 | .. | .. | .. | .. | .. | 1 | 1 | 2 |
| Castle Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Peter's | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Pitt Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Great George | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | 1 | 1 | 1 | .. | .. | 1 | .. | 2 | 2 | 4 |
| Rodney Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Abercromby | { Below 5 years .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 |
| | { Above 5 years .. | .. | 1 | .. | .. | 1 | .. | 1 | 1 | 2 | 2 | 4 |
| Parish Workhouse and Hospitals | { Below 5 years .. | 2 | 1 | .. | .. | .. | 1 | 3 | 1 | 5 | 3 | 8 |
| | { Above 5 years .. | 51 | 35 | 34 | 22 | 31 | 20 | 19 | 16 | 135 | 93 | 228 |
| Out-Township Workhouse and Hospitals. | { Below 5 years .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 1 |
| | { Above 5 years .. | 14 | 21 | 12 | 11 | 11 | 15 | 12 | 18 | 49 | 65 | 114 |
| Everton | { Below 5 years .. | 1 | .. | 1 | .. | 1 | .. | .. | .. | 3 | .. | 3 |
| | { Above 5 years .. | 2 | 3 | 5 | 2 | 6 | 5 | 4 | 1 | 17 | 11 | 28 |
| Kirkdale | { Below 5 years .. | .. | .. | 1 | .. | .. | .. | 1 | .. | 2 | .. | 2 |
| | { Above 5 years .. | 2 | 2 | 3 | .. | 1 | 1 | 2 | 2 | 8 | 5 | 13 |
| West Derby | { Below 5 years .. | .. | .. | 1 | 1 | .. | 1 | .. | .. | 1 | 2 | 3 |
| | { Above 5 years .. | 4 | 3 | 2 | 1 | .. | .. | 2 | 3 | 8 | 7 | 15 |
| North Toxteth | { Below 5 years .. | .. | .. | 1 | .. | .. | .. | 1 | .. | 2 | .. | 2 |
| | { Above 5 years .. | 3 | 5 | 2 | 3 | 6 | 5 | 3 | 2 | 14 | 15 | 29 |
| South Toxteth | { Below 5 years .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 | 2 |
| | { Above 5 years .. | 7 | 2 | 4 | 2 | 3 | 2 | 1 | 1 | 15 | 7 | 22 |
| Parish | { Below 5 years .. | 3 | 2 | 1 | .. | 1 | 1 | 4 | 2 | 9 | 5 | 14 |
| | { Above 5 years .. | 57 | 49 | 40 | 30 | 38 | 29 | 27 | 22 | 162 | 130 | 292 |
| Out-Townships | { Below 5 years .. | 1 | .. | 4 | 1 | 1 | 3 | 3 | .. | 9 | 4 | 13 |
| | { Above 5 years .. | 32 | 36 | 28 | 19 | 27 | 28 | 24 | 27 | 111 | 110 | 221 |
| City | { Below 5 years .. | 4 | 2 | 5 | 1 | 2 | 4 | 7 | 2 | 18 | 9 | 27 |
| | { Above 5 years .. | 89 | 85 | 68 | 49 | 65 | 57 | 51 | 49 | 273 | 240 | 513 |

List of Streets in the City wherein Two or more Deaths from Fever
occurred during the Year 1883.

PARISH.

| STREETS IN THE PARISH. | HOUSES. | | Total. | STREETS IN THE PARISH. | HOUSES. | | Total. |
|------------------------|---------|--------|--------|------------------------|---------|--------|--------|
| | Front. | Court. | | | Front. | Court. | |
| Addison | .. | 2 | 2 | Landor | 2 | .. | 2 |
| Baptist | 1 | 1 | 2 | Latimer | 2 | .. | 2 |
| Ben Jonson | 4 | .. | 4 | Lawrence | 2 | .. | 2 |
| Bent | 3 | .. | 3 | Lightbody | 2 | 2 | 4 |
| Birchfield | 2 | .. | 2 | Limekiln Lane | 3 | .. | 3 |
| Blackstone | 1 | 2 | 3 | Maguire | .. | 2 | 2 |
| Blandford | 1 | 3 | 4 | Mansfield | 3 | 3 | 6 |
| Blenheim | 2 | 9 | 11 | Milton | 3 | 1 | 4 |
| Blundell | 2 | .. | 2 | Mould | 3 | .. | 3 |
| Bond | 1 | 1 | 2 | Oriel | 1 | 1 | 2 |
| Brick | 3 | .. | 3 | Paget | 2 | .. | 2 |
| Brownlow Hill | 5 | .. | 5 | Pall Mall | 2 | 1 | 3 |
| Burlington | 4 | 2 | 6 | Porter | 5 | 3 | 8 |
| Cazneau | .. | 2 | 2 | Portland | 2 | .. | 2 |
| Charters | .. | 7 | 7 | Queen Anne | 3 | .. | 3 |
| Christian | 1 | 1 | 2 | Rathbone | 3 | .. | 3 |
| Clare | 2 | .. | 2 | Raymond | 1 | 3 | 4 |
| Clay | .. | 2 | 2 | Regent | 2 | .. | 2 |
| Clement | 1 | 1 | 2 | Rose Place | 1 | 2 | 3 |
| Copperas Hill | 2 | .. | 2 | St. Augustine | 2 | .. | 2 |
| Crooked Lane | 2 | .. | 2 | St. James | 2 | .. | 2 |
| Cunliffe | .. | 4 | 4 | Saltney | 1 | 4 | 5 |
| Denison | 3 | 1 | 4 | Sand | 3 | .. | 3 |
| Dryden | .. | 2 | 2 | Scotland Road | 1 | 1 | 2 |
| Dublin | 5 | .. | 5 | Silvester | 1 | 1 | 2 |
| Eldon | 1 | 3 | 4 | Snowdon | 2 | .. | 2 |
| Fontenoy | 1 | 1 | 2 | Soho | 1 | 1 | 2 |
| Gascoyne | 1 | 1 | 2 | Suffolk | 2 | .. | 2 |
| Gibraltar Row | 4 | 1 | 5 | Tenterden | 2 | 1 | 3 |
| Gt. Homer | 2 | 1 | 3 | Upper Frederick | 2 | .. | 2 |
| Gt. Howard | 1 | 1 | 2 | Vauxhall Road | 5 | .. | 5 |
| Highfield | 10 | .. | 10 | Vernon | 2 | .. | 2 |
| Hilbre | 2 | .. | 2 | Walter | 2 | .. | 2 |
| Hodson | 2 | .. | 2 | Westmoreland | 2 | 5 | 7 |
| Hopwood | 4 | .. | 4 | Whitley | 1 | 1 | 2 |
| Hornby | 2 | 5 | 7 | Wigan | 1 | 1 | 2 |
| Idris | 2 | .. | 2 | | | | |
| Islington | 1 | 1 | 2 | | | | |
| Jordan | 2 | .. | 2 | | | | |

List of Streets in the City wherein Two or more Deaths from Fever occurred during the Year 1883—*Continued.*

OUT-TOWNSHIPS.

| STREETS IN THE OUT-TOWNSHIPS. | HOUSES. | | Total. | STREETS IN THE OUT-TOWNSHIPS. | HOUSES. | | Total. |
|-------------------------------|---------|--------|--------|-------------------------------|---------|--------|--------|
| | Front. | Court. | | | Front. | Court. | |
| Amity .. | 2 | .. | 2 | Hyslop .. | .. | 2 | 2 |
| Arlington .. | 2 | .. | 2 | Lamb .. | 3 | .. | 3 |
| Barter .. | 2 | .. | 2 | Lancaster .. | 2 | .. | 2 |
| Beatrice .. | 3 | .. | 3 | Low Wood .. | 1 | 1 | 2 |
| Beaufort .. | 5 | .. | 5 | Mann .. | 4 | 9 | 13 |
| Breck Road .. | 2 | .. | 2 | Mill Road .. | 2 | 1 | 3 |
| Bruce .. | 2 | .. | 2 | ,, Street .. | 4 | 2 | 6 |
| Buckingham .. | 2 | .. | 2 | Netherfield Road North | 3 | .. | 3 |
| Caryl .. | 2 | .. | 2 | North Hill .. | 2 | .. | 2 |
| Cecil .. | 2 | .. | 2 | Park Road .. | 2 | 1 | 3 |
| Chapman .. | 2 | .. | 2 | Postance Place .. | 2 | .. | 2 |
| China .. | 2 | .. | 2 | Prince Edwin Lane .. | 2 | 1 | 3 |
| Clive .. | 2 | 3 | 5 | Rankin .. | 3 | 1 | 4 |
| Combermere .. | 1 | 4 | 5 | Robertson .. | 3 | .. | 3 |
| Conway .. | 3 | .. | 3 | Rokeby .. | 1 | 1 | 2 |
| Cotter .. | 2 | 1 | 3 | Severs .. | 2 | .. | 2 |
| Curzon .. | 2 | .. | 2 | Shelley .. | .. | 2 | 2 |
| Darnley .. | .. | 3 | 3 | Shepherd . . . | 2 | .. | 2 |
| Elias .. | 3 | .. | 3 | Sherdley .. | 1 | 1 | 2 |
| Farnworth .. | 2 | .. | 2 | Townsend .. | 4 | .. | 4 |
| Garibaldi .. | 1 | 2 | 3 | Tresta .. | 2 | .. | 2 |
| Gordon .. | 3 | .. | 3 | Upper Beau .. | 2 | .. | 2 |
| Gore .. | 1 | 3 | 4 | Wellington Road .. | 2 | .. | 2 |
| Goring .. | 2 | .. | 2 | Wolfe .. | 9 | 1 | 10 |
| Grafton .. | 3 | .. | 3 | Worthington .. | 2 | 2 | 4 |
| Henderson .. | 7 | 3 | 10 | Wyatt .. | 2 | .. | 2 |
| Howe .. | 2 | .. | 2 | | | | |

Occupations of Persons who (either themselves or members of their family) have died from Fever in the Workhouses or Hospitals of the City, tabulated into Wards from whence they came, during the Year 1883.

LIVERPOOL PARISH WORKHOUSE.

| OCCUPATIONS. | | | | WARDS. | | | | | | | | | | | Residences outside the City. | Residences unknown. | TOTAL. | | |
|-----------------|----|----|----|-----------|-----------|-------------|-----------|-------------|--------------|----------------|--------------|--------------|---------------|----------------|---------------------------------|---------------------|--------|-------------|-----------|
| | | | | Scotland. | Vauxhall. | St. Paul's. | Exchange. | St. Anne's. | Lime Street. | Castle Street. | St. Peter's. | Pitt Street. | Great George. | Rodney Street. | | | | Abercromby. | Kirkdale. |
| Labourers | .. | .. | .. | 66 | 19 | 14 | 9 | 18 | 6 | .. | 2 | 2 | 7 | .. | 2 | .. | 1 | 2 | 148 |
| Tradesmen | .. | .. | .. | 20 | 5 | 2 | .. | 12 | .. | .. | .. | 2 | 2 | .. | 3 | 2 | .. | .. | 48 |
| Seamen | .. | .. | .. | 2 | 1 | 3 | .. | 2 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 9 |
| Soldiers | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Servants | .. | .. | .. | 4 | .. | 3 | .. | 2 | 1 | .. | .. | 1 | 1 | .. | 1 | .. | 1 | .. | 14 |
| Nurses | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | 3 |
| Unknown | .. | .. | .. | 3 | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| Males | .. | .. | .. | 56 | 19 | 11 | 3 | 22 | 3 | .. | 1 | 3 | 8 | .. | 3 | 2 | 1 | 1 | 133 |
| Females | .. | .. | .. | 40 | 6 | 11 | 6 | 14 | 4 | .. | 1 | 2 | 3 | .. | 6 | .. | 1 | 1 | 95 |
| Total | .. | .. | .. | 96 | 25 | 22 | 9 | 36 | 7 | .. | 2 | 5 | 11 | .. | 9 | 2 | 2 | 2 | 228 |

ROYAL INFIRMARY.

| OCCUPATIONS. | | | | | | | | Lime Street Ward. | Residences outside the City. | TOTAL. |
|----------------------------|----|----|----|----|----|----|----|----------------------|------------------------------------|--------|
| Labourers | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | |
| Tradesmen | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | |
| Professions and Mercantile | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | |
| Males | .. | .. | .. | .. | .. | .. | 1 | 2 | 3 | |
| Females | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Total | .. | .. | .. | .. | .. | .. | 1 | 2 | 3 | |

CHILDREN'S INFIRMARY.

| OCCUPATIONS. | | | | WARDS. | | | | TOTAL. |
|-----------------|----|----|----|-----------|-------------|-----------|-------------|--------|
| | | | | Scotland. | Abercromby. | Kirkdale. | West Derby. | |
| Labourers | .. | .. | .. | .. | .. | .. | 2 | 4 |
| Tradesmen | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Males | .. | .. | .. | 1 | .. | 1 | 2 | 4 |
| Females | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Total | .. | .. | .. | 1 | 1 | 1 | 2 | 5 |

WEST DERBY UNION WORKHOUSE HOSPITAL (MILL ROAD).

| OCCUPATIONS. | | | | | WARDS. | | | | | | | Residences outside the City. | Residences unknown. | TOTAL. |
|----------------------------|----|----|----|----|-----------|--------------|--------------|---------------|----------|-----------|-------------|------------------------------|---------------------|--------|
| | | | | | Scotland. | Lime Street. | Pitt Street. | Great George. | Everton. | Kirkdale. | West Derby. | | | |
| Labourers | .. | .. | .. | .. | 3 | 1 | .. | .. | 19 | 4 | 4 | 5 | 1 | 37 |
| Tradesmen | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 5 | 5 | .. | .. | 25 |
| Servants | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 1 | .. | 3 |
| Seamen | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | .. | 1 | .. | 4 |
| Professions and Mercantile | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Nurse | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Males | .. | .. | .. | .. | 2 | .. | .. | 1 | 19 | 5 | 5 | 2 | .. | 34 |
| Females | .. | .. | .. | .. | 1 | 1 | 1 | .. | 18 | 5 | 4 | 6 | 1 | 37 |
| Total | .. | .. | .. | .. | 3 | 1 | 1 | 1 | 37 | 10 | 9 | 8 | 1 | 71 |

EVERTON HOSPITAL (NETHERFIELD ROAD).

| OCCUPATIONS. | | | | | | WARDS. | | | | | | | | | Residences outside the City. | TOTAL. | |
|----------------------------|----|----|----|----|----|-----------|-----------|-------------|-----------|-------------|----------|-----------|-------------|----------------|------------------------------|--------|----------------|
| | | | | | | Scotland. | Vauxhall. | St. Paul's. | Exchange. | Abercromby. | Everton. | Kirkdale. | West Derby. | North Toxteth. | | | South Toxteth. |
| Labourers | .. | .. | .. | .. | .. | 6 | .. | 1 | 2 | 1 | 1 | 5 | .. | .. | .. | .. | 16 |
| Tradesmen | .. | .. | .. | .. | .. | 4 | 2 | .. | .. | .. | 4 | .. | 2 | .. | 2 | 2 | 16 |
| Professions and Mercantile | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 2 |
| Servants .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| Seamen .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Nurses .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 2 | .. | .. | 1 | .. | 3 | 7 |
| Unknown | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Males .. | .. | .. | .. | .. | .. | 4 | 2 | 1 | .. | .. | 2 | 3 | 1 | .. | 1 | 1 | 15 |
| Females | .. | .. | .. | .. | .. | 9 | .. | .. | 2 | 1 | 7 | 3 | 1 | 1 | 1 | 4 | 29 |
| Total .. | .. | .. | .. | .. | .. | 13 | 2 | 1 | 2 | 1 | 9 | 6 | 2 | 1 | 2 | 5 | 44 |

Occupations of Persons who (either themselves or members of their family) have died from Fever in the different Wards of the City during the Year 1883. (Not included in the foregoing Tables of Deaths in Work-houses and Hospitals.)

| OCCUPATIONS. | WARDS. | | | | | | | | | | | | | | | | | TOTAL. |
|--------------------------------------|-----------|----------|------------|-----------|-------------|--------------|----------------|--------------|--------------|---------------|----------------|------------|----------|-----------|-------------|----------------|----------------|--------|
| | Scotland. | Vauxhall | St Paul's. | Exchange. | St. Anne's. | Lime Street. | Castle Street. | St. Peter's. | Pitt Street. | Great George. | Rodney Street. | Aberromby. | Everton. | Kirkdale. | West Derby. | North Toxteth. | South Toxteth. | |
| Labourers | 22 | 2 | 3 | 2 | 2 | 1 | .. | .. | .. | 2 | .. | 1 | 10 | 5 | 5 | 10 | 14 | 79 |
| Tradesmen | 6 | 1 | 3 | 1 | 4 | .. | .. | .. | .. | 2 | .. | 4 | 17 | 3 | 12 | 15 | 7 | 76 |
| Seamen | 2 | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 3 | 5 | .. | 2 | 3 | 17 |
| Professions and Mercantile | 1 | .. | .. | 1 | .. | 1 | .. | 1 | .. | .. | 1 | 1 | .. | 2 | 1 | 3 | .. | 12 |
| Servants | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| Police Constables | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Unknown | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 2 |
| Males | 12 | 2 | 4 | 2 | 3 | 1 | .. | 1 | .. | 2 | 1 | 3 | 20 | 10 | 9 | 16 | 16 | 102 |
| Females | 22 | 1 | 4 | 2 | 3 | 2 | .. | .. | .. | 2 | .. | 3 | 11 | 5 | 9 | 15 | 8 | 87 |
| Total | 34 | 3 | 8 | 4 | 6 | 3 | .. | 1 | .. | 4 | 1 | 6 | 31 | 15 | 18 | 31 | 24 | 189 |

TOXTETH WORKHOUSE.

Not included in the Mortality of the City, being beyond the Municipal Boundaries.

| OCCUPATIONS. | WARDS. | | | | Residences outside the City. | Total. |
|-----------------|---------------|----------|----------------|----------------|------------------------------|--------|
| | Great George. | Everton. | North Toxteth. | South Toxteth. | | |
| Labourers | .. | .. | 18 | 33 | 1 | 52 |
| Tradesmen | 1 | .. | 7 | 22 | 1 | 31 |
| Seamen | .. | .. | 1 | 6 | .. | 7 |
| Unknown | .. | 1 | .. | .. | .. | 1 |
| Males | 1 | 1 | 14 | 35 | 1 | 52 |
| Females | .. | .. | 12 | 26 | 1 | 39 |
| Total | 1 | 1 | 26 | 61 | 2 | 91 |

SCARLATINA.

Scarlatina accounted during the year for 388 deaths, or for 95 in the Parish, and 293 in the Out-townships. (The average number of deaths for the preceding ten years was 602). The rate of its mortality was equal to 0·7 per 1,000 of the estimated population. Its rate relatively to deaths

from all causes was 2·3 per cent. in the first quarter, 2·1 in the second, 3·0 in the third, and 3·1 in the fourth quarter of the year ; its annual rate relatively to all deaths was 2·6 per cent., and relatively to deaths from zymotic causes 13·2 per cent.

The first of the following tables gives a statistical history of the mortality of Scarlatina during the year 1883 ; the second is a record of the streets of the City wherein 3 or more deaths occurred from that disease.

| WARDS. | | QUARTERS. | | | | | | | | YEAR. | | |
|---------------------------------------|--------------------|-----------|----|-------|----|-------|----|------|----|-------|-----|--------|
| | | March. | | June. | | Sept. | | Dec. | | | | |
| | | | | | | | | | | | | |
| | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | Total. |
| Scotland | { Below 5 years .. | 6 | 5 | 4 | 1 | 3 | 3 | 3 | 2 | 16 | 11 | 27 |
| | { Above 5 years .. | .. | 2 | 1 | 1 | 2 | .. | 1 | .. | 4 | 3 | 7 |
| Vauxhall | { Below 5 years .. | 1 | 1 | 1 | .. | .. | .. | .. | 2 | 2 | 3 | 5 |
| | { Above 5 years .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | 2 | 2 |
| St. Paul's..... | { Below 5 years .. | 3 | .. | .. | 1 | .. | 1 | .. | .. | 3 | 2 | 5 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Exchange | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Anne's | { Below 5 years .. | .. | .. | .. | .. | 1 | 3 | 1 | .. | 2 | 3 | 5 |
| | { Above 5 years .. | .. | .. | 1 | .. | 1 | 1 | .. | .. | 2 | 1 | 3 |
| Lime Street | { Below 5 years .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 | 2 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 | 3 |
| Castle Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| St. Peter's | { Below 5 years .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 1 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 |
| Pitt Street | { Below 5 years .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 | 3 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Great George | { Below 5 years .. | 2 | 3 | .. | .. | .. | .. | 2 | 2 | 4 | 5 | 9 |
| | { Above 5 years .. | 2 | .. | 1 | .. | .. | .. | 3 | 1 | 6 | 1 | 7 |
| Rodney Street..... | { Below 5 years .. | .. | .. | 1 | .. | .. | 1 | .. | .. | 1 | 1 | 2 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Abercromby..... | { Below 5 years .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 |
| | { Above 5 years .. | 1 | 1 | .. | 1 | .. | 1 | .. | 1 | 1 | 4 | 5 |
| Parish Workhouse and Hospitals | { Below 5 years .. | .. | .. | 1 | .. | .. | .. | 1 | .. | 2 | .. | 2 |
| | { Above 5 years .. | .. | 1 | 1 | 1 | .. | .. | .. | .. | 1 | 2 | 3 |
| Out-Township Workhouse and Hospitals. | { Below 5 years .. | .. | 1 | 1 | 2 | 3 | .. | 1 | .. | 5 | 3 | 8 |
| | { Above 5 years .. | 2 | 1 | 2 | 1 | 2 | .. | 3 | 4 | 9 | 6 | 15 |
| Everton..... | { Below 5 years .. | 5 | 9 | 5 | 2 | 9 | 9 | 12 | 13 | 31 | 33 | 64 |
| | { Above 5 years .. | 3 | 5 | 3 | 3 | 9 | 5 | 5 | 7 | 20 | 20 | 40 |
| Kirkdale | { Below 5 years .. | 8 | 1 | 3 | 1 | 2 | .. | 3 | 6 | 16 | 8 | 24 |
| | { Above 5 years .. | 2 | 1 | 1 | 1 | 3 | 4 | 2 | 3 | 8 | 9 | 17 |
| West Derby..... | { Below 5 years .. | 2 | 1 | 3 | 4 | 2 | 2 | 1 | .. | 8 | 7 | 15 |
| | { Above 5 years .. | 1 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 6 | 7 | 13 |
| North Toxteth... .. | { Below 5 years .. | 6 | 4 | 5 | 5 | 2 | 5 | 3 | 3 | 16 | 17 | 33 |
| | { Above 5 years .. | 2 | 1 | .. | .. | 1 | 2 | 1 | 4 | 4 | 7 | 11 |
| South Toxteth..... | { Below 5 years .. | 4 | 2 | 7 | 4 | 8 | 10 | 1 | 5 | 20 | 21 | 41 |
| | { Above 5 years .. | .. | 3 | 2 | 2 | 3 | 1 | 1 | .. | 6 | 6 | 12 |
| Parish | { Below 5 years .. | 13 | 10 | 7 | 2 | 4 | 10 | 10 | 7 | 34 | 29 | 63 |
| | { Above 5 years .. | 3 | 6 | 4 | 3 | 3 | 4 | 5 | 4 | 15 | 17 | 32 |
| Out-Townships | { Below 5 years .. | 25 | 18 | 24 | 18 | 26 | 26 | 21 | 27 | 96 | 89 | 185 |
| | { Above 5 years .. | 10 | 14 | 11 | 9 | 19 | 13 | 13 | 19 | 53 | 55 | 108 |
| City | { Below 5 years .. | 38 | 28 | 31 | 20 | 30 | 36 | 31 | 34 | 130 | 118 | 248 |
| | { Above 5 years .. | 13 | 20 | 15 | 12 | 22 | 17 | 18 | 23 | 68 | 72 | 140 |

List of Streets in the City wherein Three or more Deaths from
Scarlatina occurred during the Year 1883.

| STREETS IN THE PARISH. | HOUSES. | | Total. | STREETS IN THE OUT- TOWNSHIPS. | HOUSES. | | Total. |
|---------------------------|---------|--------|--------|-----------------------------------|---------|--------|--------|
| | Front. | Court. | | | Front | Court. | |
| Bond | 1 | 2 | 3 | Anthony | 3 | .. | 3 |
| Hankin | 3 | .. | 3 | Baker | 3 | .. | 3 |
| Kent | 1 | 3 | 4 | Back Salisbury | 4 | .. | 4 |
| Rathbone | 2 | 3 | 5 | China | 3 | .. | 3 |
| Upper Frederick | 3 | 1 | 4 | Collins..... | 4 | .. | 4 |
| Whitley | .. | 4 | 4 | Combermere | 2 | 1 | 3 |
| | | | | Grafton | 3 | 2 | 5 |
| | | | | Gregson | 3 | .. | 3 |
| | | | | Gwendoline | 6 | .. | 6 |
| | | | | Knowsley | 3 | .. | 3 |
| | | | | Mann | 2 | 3 | 5 |
| | | | | Mill | 5 | 1 | 6 |
| | | | | Minshull..... | .. | 3 | 3 |
| | | | | Netherfield Road North. | 3 | .. | 3 |
| | | | | Park | 5 | .. | 5 |
| | | | | Portland Place | .. | 5 | 5 |
| | | | | Radcliffe | 3 | .. | 3 |
| | | | | Robsart | 6 | 2 | 8 |
| | | | | Sleeper's Hill..... | 3 | .. | 3 |

MEASLES

Occasioned 618 deaths, of which 268 occurred in the Parish, and 350 in the Out-Townships. (The average number of deaths for the preceding ten years was 413.) Its percentage death-rate relatively to deaths from all causes was 2·3 in the first quarter of the year, 6·0 in the second, 4·9 in the third, and 3·5 in the fourth. Its annual percentage rate relatively to deaths from all causes was 4·1, and relatively to deaths from Zymotic causes 21·1.

| WARDS. | | QUARTERS. | | | | | | | | YEAR. | | |
|---|--------------------|-----------|----|-------|-----|-------|----|------|----|-------|-----|--------|
| | | March. | | June. | | Sept. | | Dec. | | | | |
| | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | Total. |
| Scotland | { Below 5 years .. | 16 | 20 | 22 | 24 | 13 | 13 | 16 | 5 | 67 | 62 | 129 |
| | { Above 5 years .. | 1 | 2 | 2 | 4 | 2 | 2 | .. | 2 | 5 | 10 | 15 |
| Vauxhall | { Below 5 years .. | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 2 | 9 | 11 | 20 |
| | { Above 5 years .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 1 |
| St. Paul's | { Below 5 years .. | 1 | 1 | 1 | .. | 1 | 2 | .. | .. | 3 | 3 | 6 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Exchange | { Below 5 years .. | .. | .. | 1 | 4 | 3 | 2 | .. | 1 | 4 | 7 | 11 |
| | { Above 5 years .. | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | 1 |
| St. Anne's | { Below 5 years .. | .. | .. | 4 | 4 | 5 | 6 | .. | 2 | 9 | 12 | 21 |
| | { Above 5 years .. | .. | .. | 1 | .. | .. | 1 | .. | .. | 1 | 1 | 2 |
| Lime Street | { Below 5 years .. | .. | 1 | .. | 2 | 3 | 2 | .. | .. | 3 | 5 | 8 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Castle Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Peter's | { Below 5 years .. | .. | .. | .. | .. | .. | .. | 3 | 1 | 3 | 1 | 4 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pitt Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | 1 | 3 | 1 | 3 | 4 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | 3 | .. | 3 | .. | 3 |
| Great George | { Below 5 years .. | .. | .. | 5 | 5 | 2 | 3 | 2 | 1 | 9 | 9 | 18 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rodney Street | { Below 5 years .. | .. | .. | .. | 3 | 1 | 1 | .. | .. | 1 | 4 | 5 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 |
| Abercromby | { Below 5 years .. | .. | .. | 1 | 2 | .. | .. | .. | .. | 1 | 2 | 3 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Parish Workhouse and Hospitals | { Below 5 years .. | 2 | .. | 2 | .. | 2 | 2 | 3 | 2 | 9 | 4 | 13 |
| | { Above 5 years .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | 1 | 2 | 3 |
| Out-Township Workhouse and Hospitals .. | { Below 5 years .. | .. | .. | .. | .. | 1 | .. | 1 | 1 | 2 | 1 | 3 |
| | { Above 5 years .. | 1 | .. | 1 | .. | .. | .. | .. | .. | 2 | .. | 2 |
| Everton | { Below 5 years .. | 12 | 15 | 11 | 7 | 18 | 10 | 22 | 16 | 63 | 48 | 111 |
| | { Above 5 years .. | 1 | 1 | 1 | 1 | .. | 1 | .. | 3 | 2 | 6 | 8 |
| Kirkdale | { Below 5 years .. | 6 | 5 | 9 | 11 | 5 | 4 | 9 | 5 | 29 | 25 | 54 |
| | { Above 5 years .. | .. | .. | 1 | .. | 1 | .. | .. | 1 | 2 | 1 | 3 |
| West Derby | { Below 5 years .. | 1 | 3 | 6 | 7 | 11 | 9 | 3 | 2 | 21 | 21 | 42 |
| | { Above 5 years .. | .. | .. | 1 | 1 | .. | 1 | .. | .. | 1 | 2 | 3 |
| North Toxteth | { Below 5 years .. | 1 | 1 | 19 | 15 | 4 | 6 | 5 | 1 | 29 | 23 | 52 |
| | { Above 5 years .. | 1 | .. | 2 | 1 | 1 | .. | .. | .. | 4 | 1 | 5 |
| South Toxteth | { Below 5 years .. | .. | 1 | 19 | 14 | 13 | 13 | 3 | 1 | 35 | 29 | 64 |
| | { Above 5 years .. | .. | .. | 1 | 1 | 1 | .. | .. | .. | 2 | 1 | 3 |
| Parish | { Below 5 years .. | 21 | 25 | 39 | 47 | 33 | 34 | 26 | 17 | 119 | 123 | 242 |
| | { Above 5 years .. | 2 | 3 | 4 | 6 | 2 | 3 | 3 | 3 | 11 | 15 | 26 |
| Out-Townships | { Below 5 years .. | 20 | 25 | 64 | 54 | 52 | 42 | 43 | 26 | 179 | 147 | 326 |
| | { Above 5 years .. | 3 | 1 | 7 | 4 | 3 | 2 | .. | 4 | 13 | 11 | 24 |
| City | { Below 5 years .. | 41 | 50 | 103 | 101 | 85 | 76 | 69 | 43 | 298 | 270 | 568 |
| | { Above 5 years .. | 5 | 4 | 11 | 10 | 5 | 5 | 3 | 7 | 24 | 26 | 50 |

DIARRHŒA

Accounted for 518 deaths, or for 231 in the Parish, and 287 in the Out-townships. (The average number of deaths for the preceding ten years was 743). Its percentage death-rate relatively to deaths from all causes was 0·6 in the first quarter of the year, 1·7 in the second, 9·5 in the third, and 2·8 in the fourth quarter. Its annual percentage rate relatively to deaths from all causes was 3·4, and relatively to deaths from Zymotic causes 17·7.

| WARDS. | | | QUARTERS. | | | | | | | | YEAR. | | |
|--|--------------------|--|-----------|----|-------|----|-------|-----|------|----|-------|-----|--------|
| | | | March. | | June. | | Sept. | | Dec. | | | | |
| | | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | Total. |
| Scotland | { Below 5 years .. | | 4 | 2 | 4 | 6 | 30 | 20 | 7 | 8 | 45 | 36 | 81 |
| | { Above 5 years .. | | .. | .. | .. | .. | 1 | 6 | 1 | .. | 2 | 6 | 8 |
| Vauxhall | { Below 5 years .. | | 1 | 1 | .. | .. | 8 | 11 | 1 | 3 | 10 | 15 | 25 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 2 | 2 |
| St. Paul's | { Below 5 years .. | | 2 | 1 | .. | .. | 4 | 2 | 1 | 2 | 7 | 5 | 12 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 |
| Exchange | { Below 5 years .. | | .. | .. | .. | 2 | 2 | 2 | 1 | 1 | 3 | 5 | 8 |
| | { Above 5 years .. | | .. | .. | .. | .. | 1 | .. | 1 | .. | 2 | .. | 2 |
| St. Anne's | { Below 5 years .. | | .. | 2 | 4 | .. | 10 | 10 | 2 | 4 | 16 | 16 | 32 |
| | { Above 5 years .. | | .. | .. | .. | .. | 2 | .. | 2 | .. | 4 | .. | 4 |
| Lime Street | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 1 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 1 |
| Castle Street | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Peter's | { Below 5 years .. | | .. | .. | .. | .. | .. | 3 | .. | .. | .. | 3 | 3 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pitt Street | { Below 5 years .. | | .. | .. | .. | 1 | 2 | 2 | 1 | .. | 3 | 3 | 6 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Great George | { Below 5 years .. | | 1 | .. | 1 | .. | 2 | 1 | 1 | .. | 5 | 1 | 6 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rodney Street..... | { Below 5 years .. | | .. | .. | .. | 1 | 1 | 2 | .. | 2 | 1 | 5 | 6 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 1 |
| Abercromby..... | { Below 5 years .. | | 1 | .. | 1 | 1 | 8 | 1 | .. | .. | 10 | 2 | 12 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 2 | 2 |
| Parish Workhouse and Hospitals | { Below 5 years .. | | .. | .. | 1 | .. | .. | 2 | 1 | 3 | 2 | 5 | 7 |
| | { Above 5 years .. | | 2 | .. | 3 | 1 | 1 | .. | 1 | 3 | 7 | 4 | 11 |
| Out-Township Workhouse and Hospitals.. | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Everton | { Below 5 years .. | | 2 | .. | 5 | 3 | 23 | 26 | 10 | 1 | 40 | 30 | 70 |
| | { Above 5 years .. | | .. | .. | .. | 1 | 2 | 2 | .. | .. | 2 | 3 | 5 |
| Kirkdale | { Below 5 years .. | | .. | .. | 3 | 1 | 17 | 18 | 3 | 4 | 23 | 23 | 46 |
| | { Above 5 years .. | | .. | .. | 2 | .. | .. | 1 | .. | 1 | 2 | 2 | 4 |
| West Derby..... | { Below 5 years .. | | 2 | 1 | 2 | 4 | 14 | 13 | 4 | 4 | 22 | 22 | 44 |
| | { Above 5 years .. | | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| North Toxteth | { Below 5 years .. | | 2 | .. | 4 | 5 | 20 | 18 | 4 | 1 | 30 | 24 | 54 |
| | { Above 5 years .. | | 1 | .. | 1 | 1 | .. | 5 | .. | 2 | 2 | 8 | 10 |
| South Toxteth..... | { Below 5 years .. | | .. | 1 | 3 | 1 | 16 | 18 | 3 | 8 | 22 | 28 | 50 |
| | { Above 5 years .. | | .. | .. | 1 | .. | .. | .. | .. | 1 | 1 | 1 | 2 |
| Parish | { Below 5 years .. | | 9 | 6 | 11 | 11 | 67 | 56 | 16 | 23 | 103 | 96 | 199 |
| | { Above 5 years .. | | 2 | .. | 3 | 1 | 5 | 11 | 5 | 5 | 15 | 17 | 32 |
| Out-Townships | { Below 5 years .. | | 6 | 2 | 17 | 14 | 90 | 93 | 24 | 18 | 137 | 127 | 264 |
| | { Above 5 years .. | | 1 | .. | 5 | 2 | 3 | 8 | .. | 4 | 9 | 14 | 23 |
| City | { Below 5 years .. | | 15 | 8 | 28 | 25 | 157 | 149 | 40 | 41 | 240 | 223 | 463 |
| | { Above 5 years .. | | 3 | .. | 8 | 3 | 8 | 19 | 5 | 9 | 24 | 31 | 55 |

List of Streets in the City wherein Three or more Deaths from
Diarrhœa occurred during the Year 1883.

| STREETS IN THE PARISH. | HOUSES. | | Total. | STREETS IN THE OUT- TOWNSHIPS. | HOUSES. | | Total. |
|---------------------------|---------|--------|--------|-----------------------------------|---------|--------|--------|
| | Front. | Court. | | | Front. | Court. | |
| Addison | 2 | 1 | 3 | Aspinall | 3 | .. | 3 |
| Bidder | 4 | .. | 4 | Beaufort | 3 | .. | 3 |
| Birkett | .. | 3 | 3 | Braemar | 3 | .. | 3 |
| Bond | 2 | 1 | 3 | Clive... .. | 2 | 2 | 4 |
| Burlington | 3 | 3 | 6 | Conway | 3 | .. | 3 |
| Charters | .. | 4 | 4 | Edgeware | 3 | .. | 3 |
| Christian | 1 | 2 | 3 | Gordon | 3 | .. | 3 |
| Clement | 2 | 1 | 3 | Great Homer | 3 | 1 | 4 |
| Eldon | 2 | 3 | 5 | Howe | 3 | .. | 3 |
| Fontenoy | 3 | 1 | 4 | Hygeia | 2 | 2 | 4 |
| Hedley | 3 | .. | 3 | Mann | 4 | 2 | 6 |
| Hornby | 2 | 7 | 9 | Reading | 3 | .. | 3 |
| Maguire | 1 | 2 | 3 | Upper Harrington | 3 | .. | 3 |
| Paul | 2 | 1 | 3 | Wolfe | 2 | 1 | 3 |
| Richmond Row | 1 | 3 | 4 | | | | |
| Sawney Pope | 2 | 1 | 3 | | | | |
| Silvester | 1 | 3 | 4 | | | | |

DIARRHŒA IN DATES OF DEATH, 1883.

| DATE. June. | No. of Deaths. | Mean Reading of Barometer. | Mean Tempe- rature. | RAIN. | | WIND. | |
|----------------|----------------------|-------------------------------------|---------------------------|----------------------|--------|--|------------|
| | | | | Amount in Inches. | Hours. | Mean Daily Velocity in Miles. | DIRECTION. |
| 1 | 2 | 29.962 | 56.5 | 0.233 | 2.3 | 299 | Var. |
| 2 | 1 | 30.123 | 58.0 | .. | .. | 194 | NW & Var. |
| 3 | .. | 30.200 | 56.2 | .. | .. | 410 | E |
| 4 | .. | 30.061 | 58.8 | .. | .. | 334 | E |
| 5 | .. | 29.929 | 55.0 | .. | .. | 382 | E & NE |
| 6 | 1 | 29.834 | 55.5 | .. | .. | 334 | E & SE |
| 7 | .. | 29.762 | 54.8 | .. | .. | 288 | SE & E |
| 8 | 1 | 29.763 | 55.8 | .. | .. | 230 | SE & Var. |
| 9 | 1 | 29.893 | 55.1 | .. | .. | 175 | NW & W |
| 10 | 1 | 30.019 | 54.9 | .. | .. | 327 | W & NW |
| 11 | 1 | 30.197 | 54.3 | .. | .. | 210 | E & Var. |
| 12 | 2 | 30.318 | 58.7 | .. | .. | 450 | W |
| 13 | 1 | 30.386 | 58.8 | .. | .. | 246 | W & NW |
| 14 | .. | 30.273 | 56.1 | 0.183 | 4.1 | 308 | W & NW |
| 15 | .. | 29.913 | 50.2 | 0.032 | 2.0 | 372 | NW & W |
| 16 | 2 | 29.854 | 52.8 | 0.014 | 0.6 | 520 | NW & W |
| 17 | 1 | 29.903 | 53.3 | .. | .. | 521 | W & NW |
| 18 | .. | 29.949 | 52.4 | 0.013 | 0.7 | 405 | NW & W |
| 19 | 2 | 29.895 | 53.5 | 0.307 | 8.3 | 343 | Var. |
| 20 | 1 | 29.851 | 53.7 | .. | .. | 508 | E & NE |
| 21 | .. | 29.977 | 53.5 | .. | .. | 397 | E & NE |
| 22 | 2 | 29.914 | 56.7 | 0.034 | 1.5 | 364 | SE & S |
| 23 | 1 | 29.907 | 61.3 | 0.087 | 4.7 | 272 | S & Var. |
| 24 | 2 | 29.858 | 59.8 | 0.332 | 10.8 | 271 | SE & Var. |
| 25 | 1 | 29.790 | 57.9 | 0.698 | 9.9 | 234 | NW & Var. |
| 26 | 1 | 29.667 | 56.1 | 0.112 | 2.8 | 449 | W & SW |
| 27 | .. | 29.703 | 58.8 | 0.153 | 3.5 | 398 | S & SE |
| 28 | 2 | 29.756 | 62.3 | 0.011 | 0.5 | 270 | S & SW |
| 29 | 1 | 29.922 | 66.5 | .. | .. | 274 | Var. |
| 30 | 2 | 29.980 | 61.4 | .. | .. | 169 | N W & W |

DIARRHŒA IN DATES OF DEATH, 1883.

| DATE. July. | No. of Deaths. | Mean Reading of Barometer. | Mean Tempe- rature. | RAIN. | | Mean Daily Velocity in Miles. | WIND. DIRECTION. |
|----------------|----------------------|-------------------------------------|---------------------------|----------------------|--------|--|-------------------------|
| | | | | Amount in Inches. | Hours. | | |
| 1 | 3 | 29.990 | 64.4 | 0.017 | 0.5 | 342 | SE & Var. |
| 2 | 1 | 29.956 | 65.5 | 0.006 | 0.4 | 289 | SE & Var. |
| 3 | 3 | 29.957 | 60.6 | .. | .. | 181 | NW & Var. |
| 4 | .. | 29.751 | 58.1 | 0.136 | 1.7 | 172 | Var. |
| 5 | 2 | 29.752 | 60.5 | 0.026 | 1.4 | 315 | S & S W |
| 6 | .. | 29.730 | 62.3 | 0.118 | 3.6 | 354 | SE & S |
| 7 | 1 | 29.734 | 62.5 | 0.229 | 1.4 | 277 | S & SE |
| 8 | .. | 29.753 | 63.6 | 0.312 | 5.3 | 283 | Var. |
| 9 | 1 | 29.727 | 59.7 | .. | .. | 448 | SW & Var. |
| 10 | 3 | 29.813 | 61.0 | 0.027 | 0.8 | 255 | SW & W |
| 11 | 1 | 29.493 | 61.3 | 0.048 | 1.6 | 529 | SW & S |
| 12 | 1 | 29.372 | 59.7 | 0.020 | 0.2 | 537 | SW & S |
| 13 | 1 | 29.595 | 56.9 | .. | .. | 467 | W |
| 14 | .. | 29.770 | 54.2 | 0.143 | 1.8 | 368 | W & NW |
| 15 | .. | 29.861 | 53.4 | 0.081 | 0.9 | 589 | W |
| 16 | 3 | 30.067 | 56.5 | 0.122 | 2.7 | 655 | W |
| 17 | 3 | 29.948 | 57.2 | .. | .. | 881 | W |
| 18 | 4 | 29.920 | 55.0 | 0.212 | 2.3 | 524 | W & NW |
| 19 | 1 | 29.793 | 55.0 | 0.052 | 1.4 | 359 | W & NW |
| 20 | 3 | 29.723 | 54.8 | 0.300 | 7.5 | 150 | Var. |
| 21 | 4 | 29.601 | 53.0 | 0.567 | 7.8 | 451 | NW & N |
| 22 | 4 | 29.758 | 53.4 | 0.552 | 3.3 | 783 | W & NW |
| 23 | 3 | 29.764 | 54.9 | 0.012 | 0.5 | 300 | W |
| 24 | 4 | 29.807 | 56.0 | .. | .. | 504 | W & NW |
| 25 | 4 | 29.956 | 57.3 | .. | .. | 623 | W |
| 26 | 2 | 30.122 | 58.3 | .. | .. | 324 | NW & W |
| 27 | 2 | 30.227 | 58.6 | .. | .. | 256 | NW & N |
| 28 | .. | 30.136 | 57.2 | .. | .. | 428 | W & NW |
| 29 | 4 | 29.845 | 60.0 | .. | .. | 174 | Var. |
| 30 | 4 | 29.590 | 61.9 | .. | .. | 201 | SE & E |
| 31 | 1 | 29.730 | 57.0 | 0.015 | 0.3 | 393 | W & NW |

DIARRHŒA IN DATES OF DEATH, 1883.

| DATE. August. | No. of Deaths. | Mean Reading of Barometer. | Mean Tempe- rature. | RAIN. | | WIND. | |
|------------------|----------------------|-------------------------------------|---------------------------|----------------------|--------|--|------------|
| | | | | Amount in Inches. | Hours. | Mean Daily Velocity in Miles. | DIRECTION. |
| 1 | .. | 29·975 | 59·1 | .. | .. | 420 | W |
| 2 | 3 | 30·158 | 60·6 | .. | .. | 303 | W & NW |
| 3 | 2 | 30·220 | 59·7 | .. | .. | 156 | NW & W |
| 4 | 2 | 30·186 | 60·6 | 0·030 | 1·2 | 174 | W & Var. |
| 5 | 1 | 30·088 | 57·1 | 0·057 | 1·0 | 230 | NW & W |
| 6 | 4 | 29·933 | 58·6 | 0·363 | 3·1 | 156 | NW & Var. |
| 7 | 5 | 29·971 | 56·3 | 0·447 | 4·9 | 396 | W & NW |
| 8 | 5 | 29·631 | 59·1 | 0·327 | 3·9 | 549 | W & Var. |
| 9 | 7 | 29·489 | 57·4 | 0·003 | 0·3 | 892 | W & SW |
| 10 | 3 | 29·475 | 55·2 | 0·355 | 5·2 | 927 | W & SW |
| 11 | 3 | 29·850 | 56·0 | 0·009 | 0·2 | 639 | W |
| 12 | 5 | 30·068 | 59·0 | 0·304 | 5·0 | 242 | SW & Var. |
| 13 | 4 | 29·805 | 65·4 | .. | .. | 382 | SE & S |
| 14 | 2 | 29·571 | 59·8 | 0·250 | 3·9 | 433 | S & SW |
| 15 | 3 | 29·591 | 55·1 | 0·029 | 0·5 | 927 | W & SW |
| 16 | 11 | 29·996 | 57·1 | 0·046 | 1·4 | 462 | W & NW |
| 17 | 7 | 29·987 | 61·2 | 0·009 | 0·3 | 269 | W & Var. |
| 18 | 7 | 30·157 | 58·3 | .. | .. | 323 | W & NW |
| 19 | .. | 30·246 | 60·5 | .. | .. | 174 | SW & Var. |
| 20 | 3 | 30·072 | 64·4 | .. | .. | 318 | SE & Var. |
| 21 | 8 | 30·155 | 60·4 | .. | .. | 175 | W & Var. |
| 22 | .. | 30·224 | 58·4 | .. | .. | 233 | W |
| 23 | 3 | 30·300 | 57·3 | .. | .. | 209 | W & NW |
| 24 | 5 | 30·270 | 60·8 | .. | .. | 136 | Var. |
| 25 | 4 | 30·152 | 64·0 | .. | .. | 176 | SE & NW |
| 26 | 6 | 30·093 | 65·3 | .. | .. | 268 | SW & S |
| 27 | 8 | 29·950 | 60·2 | .. | .. | 451 | SW & W |
| 28 | 4 | 29·897 | 62·3 | 0·019 | 0·6 | 593 | SW & W |
| 29 | 7 | 29·810 | 57·5 | .. | .. | 553 | W |
| 30 | 10 | 29·775 | 61·7 | 0·025 | 1·0 | 404 | SW & Var. |
| 31 | 6 | 29·674 | 58·0 | .. | .. | 208 | Var. |

DIARRHOEA IN DATES OF DEATH, 1883.

| DATE. Sept. | No. of Deaths. | Mean Reading of Barometer. | Mean Tempe- rature. | RAIN. | | WIND. | |
|----------------|----------------------|-------------------------------------|---------------------------|----------------------|--------|--|------------|
| | | | | Amount in Inches. | Hours. | Mean Daily Velocity in Miles. | DIRECTION. |
| 1 | 2 | 29.335 | 57.1 | 0.259 | 6.5 | 471 | SE & Var. |
| 2 | 8 | 28.771 | 57.6 | 0.324 | 6.5 | 592 | E & Var. |
| 3 | 6 | 29.208 | 54.7 | 0.300 | 6.7 | 844 | W & SW |
| 4 | 7 | 29.665 | 52.5 | 0.740 | 6.5 | 652 | W |
| 5 | 7 | 29.903 | 53.6 | 0.047 | 2.2 | 276 | NW & Var. |
| 6 | 7 | 29.855 | 55.8 | 0.029 | 0.6 | 608 | SW & Var. |
| 7 | 5 | 29.781 | 54.1 | 0.079 | 2.5 | 895 | W & SW |
| 8 | 5 | 29.928 | 52.5 | .. | .. | 485 | W & Var. |
| 9 | 5 | 30.051 | 58.5 | 0.282 | 5.5 | 290 | SE & Var. |
| 10 | 4 | 29.894 | 55.9 | 0.100 | 2.1 | 378 | SE & NW |
| 11 | 4 | 30.149 | 56.3 | .. | .. | 320 | NW & N |
| 12 | 3 | 30.242 | 54.1 | .. | .. | 184 | NW & N |
| 13 | 4 | 30.248 | 58.4 | .. | .. | 233 | SE & Var. |
| 14 | 2 | 30.137 | 60.0 | .. | .. | 238 | E & SE |
| 15 | 8 | 29.979 | 57.9 | .. | .. | 131 | NW & Var. |
| 16 | 5 | 30.123 | 57.8 | .. | .. | 125 | W & Var. |
| 17 | 6 | 30.175 | 62.8 | .. | .. | 169 | W & Var. |
| 18 | 5 | 30.156 | 59.4 | .. | .. | 144 | NW & Var. |
| 19 | 6 | 30.022 | 61.5 | 0.060 | 3.2 | 268 | SE |
| 20 | 1 | 29.719 | 55.4 | 0.855 | 8.1 | 388 | E & SE |
| 21 | 3 | 29.707 | 57.3 | .. | .. | 261 | E & Var. |
| 22 | 3 | 29.773 | 54.2 | .. | .. | 209 | E & Var. |
| 23 | 5 | 29.957 | 58.0 | 0.773 | 7.4 | 303 | SE & Var. |
| 24 | 6 | 29.580 | 59.9 | 0.148 | 2.6 | 525 | SW & SE |
| 25 | 5 | 29.692 | 57.8 | 0.307 | 3.4 | 408 | SW & W |
| 26 | 4 | 29.505 | 56.7 | 0.112 | 2.0 | 731 | SW & Var. |
| 27 | 1 | 29.503 | 55.7 | 0.094 | 1.7 | 850 | W & SW |
| 28 | 4 | 29.498 | 53.7 | 0.659 | 9.1 | 605 | W & Var. |
| 29 | 2 | 29.280 | 51.5 | 0.129 | 3.5 | 540 | N & W |
| 30 | 4 | 29.600 | 48.4 | .. | .. | 648 | N & NW |

DIARRHŒA IN DATES OF DEATH, 1883.

| DATE. October | No. of Deaths. | Mean Reading of Barometer. | Mean Tempe- rature. | RAIN. | | Mean Daily Velocity in Miles. | WIND. DIRECTION. |
|------------------|----------------------|-------------------------------------|---------------------------|----------------------|--------|--|-------------------------|
| | | | | Amount in Inches. | Hours. | | |
| 1 | 3 | 29·875 | 47·7 | .. | .. | 488 | N & NW |
| 2 | 4 | 29·996 | 49·7 | 0·767 | 7·4 | 399 | NW & Var. |
| 3 | 4 | 29·601 | 47·6 | 0·213 | 4·5 | 608 | NW & Var. |
| 4 | 3 | 29·832 | 49·9 | .. | .. | 495 | W & NW |
| 5 | 3 | 30·126 | 47·8 | .. | .. | 486 | NW & W |
| 6 | 5 | 30·313 | 48·9 | .. | .. | 226 | NW & N |
| 7 | 4 | 30·425 | 54·5 | 0·020 | 0·7 | 492 | W |
| 8 | 3 | 30·492 | 55·6 | .. | .. | 313 | W |
| 9 | .. | 30·310 | 56·9 | 0·090 | 3·6 | 189 | W & SW |
| 10 | 4 | 30·021 | 54·0 | 0·102 | 5·1 | 103 | S & Var. |
| 11 | 4 | 29·903 | 50·2 | .. | .. | 261 | NW & Var. |
| 12 | 2 | 30·049 | 49·6 | .. | .. | 276 | SE & Var. |
| 13 | 1 | 29·919 | 52·8 | .. | .. | 488 | SE |
| 14 | 1 | 29·675 | 52·6 | 0·184 | 5·0 | 530 | SE |
| 15 | 1 | 29·523 | 51·6 | 0·145 | 3·5 | 462 | SW & Var. |
| 16 | 1 | 29·171 | 51·4 | 0·823 | 6·8 | 547 | SW & Var. |
| 17 | 2 | 29·274 | 47·6 | 0·643 | 6·6 | 756 | W & SW |
| 18 | .. | 29·766 | 49·3 | .. | .. | 1052 | W & SW |
| 19 | 1 | 29·737 | 45·8 | 0·408 | 7·2 | 511 | SW & W |
| 20 | 1 | 29·608 | 47·0 | 0·650 | 8·5 | 726 | W & SW |
| 21 | 2 | 29·778 | 44·6 | 0·022 | 0·8 | 414 | NW & W |
| 22 | .. | 29·950 | 47·5 | 0·250 | 6·9 | 258 | Var. |
| 23 | 4 | 29·627 | 49·3 | 0·057 | 0·7 | 591 | SW & W |
| 24 | .. | 29·615 | 53·4 | 0·619 | 9·2 | 556 | SW & W |
| 25 | 1 | 29·664 | 50·1 | 0·010 | 0·3 | 623 | W & SW |
| 26 | 1 | 29·910 | 51·2 | .. | .. | 277 | Var. |
| 27 | 1 | 29·998 | 49·9 | .. | .. | 220 | Var. |
| 28 | .. | 30·137 | 50·9 | .. | .. | 369 | SE |
| 29 | 4 | 30·240 | 49·2 | .. | .. | 389 | SE & E |
| 30 | .. | 30·423 | 47·0 | .. | .. | 351 | E & SE |
| 31 | 2 | 30·302 | 46·7 | .. | .. | 178 | SE & S |

WHOOPIING COUGH

Occasioned 395 deaths, or 162 in the Parish and 233 in the Out-Townships. (The average number of deaths for the preceding ten years was 442). Its percentage death-rate relatively to deaths from all causes was 2·5 in the first quarter of the year, 3·2 in the second, 2·5 in the third, and 2·3 in the fourth; its percentage rate relatively to deaths from all causes was 2·6, and relatively to deaths from Zymotic causes 13·5.

DEATHS FROM WHOOPING COUGH.

| WARDS. | | QUARTERS. | | | | | | | | YEAR. | | |
|---|--------------------|-----------|----|-------|----|-------|----|------|----|-------|-----|--------|
| | | March. | | June. | | Sept. | | Dec. | | | | |
| | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | Total. |
| Scotland | { Below 5 years .. | 13 | 15 | 3 | 14 | 5 | 11 | 5 | 12 | 26 | 52 | 78 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 |
| Vauxhall | { Below 5 years .. | 2 | 7 | .. | 2 | .. | 2 | .. | 5 | 2 | 16 | 18 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Paul's | { Below 5 years .. | .. | 1 | 1 | .. | .. | .. | 1 | .. | 2 | 1 | 3 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Exchange | { Below 5 years .. | 2 | .. | .. | 1 | 2 | .. | .. | 1 | 4 | 2 | 6 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Anne's | { Below 5 years .. | 3 | 7 | 2 | 2 | 1 | 1 | 2 | 1 | 8 | 11 | 19 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 1 |
| Lime Street | { Below 5 years .. | 1 | .. | .. | 2 | 1 | .. | 1 | .. | 3 | 2 | 5 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Castle Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Peter's | { Below 5 years .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | 1 |
| | { Above 5 years .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 | 2 |
| Pitt Street | { Below 5 years .. | .. | .. | 2 | 4 | .. | .. | .. | .. | 2 | 4 | 6 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Great George | { Below 5 years .. | 4 | .. | .. | .. | .. | .. | .. | .. | 4 | .. | 4 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rodney Street | { Below 5 years .. | 1 | .. | 3 | .. | .. | .. | .. | .. | 4 | .. | 4 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Abercromby | { Below 5 years .. | .. | .. | .. | .. | 2 | .. | .. | .. | 2 | .. | 2 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Parish Workhouse and Hospitals | { Below 5 years .. | .. | .. | 1 | 2 | 1 | 3 | 1 | 3 | 3 | 8 | 11 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Out-Township Workhouse and Hospitals .. | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Everton | { Below 5 years .. | 10 | 8 | 12 | 13 | 8 | 11 | 6 | 11 | 36 | 43 | 79 |
| | { Above 5 years .. | 1 | .. | 1 | .. | .. | 1 | .. | .. | 2 | 1 | 3 |
| Kirkdale | { Below 5 years .. | 6 | 4 | 11 | 9 | 7 | 3 | 6 | 4 | 30 | 20 | 50 |
| | { Above 5 years .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 2 | 2 |
| West Derby | { Below 5 years .. | 4 | 2 | 5 | 7 | 8 | 4 | 3 | 9 | 20 | 22 | 42 |
| | { Above 5 years .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | 1 |
| North Toxteth | { Below 5 years .. | 2 | 6 | 8 | 5 | 1 | 2 | 1 | 2 | 12 | 15 | 27 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| South Toxteth | { Below 5 years .. | 6 | 5 | 2 | 3 | 2 | 8 | 1 | 1 | 11 | 17 | 28 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 1 |
| Parish | { Below 5 years .. | 26 | 30 | 13 | 27 | 12 | 17 | 10 | 22 | 61 | 96 | 157 |
| | { Above 5 years .. | .. | .. | 1 | 1 | .. | 1 | 1 | 1 | 2 | 3 | 5 |
| Out-Townships | { Below 5 years .. | 28 | 25 | 38 | 37 | 26 | 28 | 17 | 27 | 109 | 117 | 226 |
| | { Above 5 years .. | 1 | .. | 2 | 1 | .. | 3 | .. | .. | 3 | 4 | 7 |
| City | { Below 5 years .. | 54 | 55 | 51 | 64 | 38 | 45 | 27 | 49 | 170 | 213 | 383 |
| | { Above 5 years .. | 1 | .. | 3 | 2 | .. | 4 | 1 | 1 | 5 | 7 | 12 |

DEATHS FROM CROUP.

| WARDS. | | | QUARTERS. | | | | | | | | YEAR. | | |
|--|--------------------|--|-----------|----|-------|----|-------|----|------|----|-------|----|--------|
| | | | March. | | June. | | Sept. | | Dec. | | | | |
| | | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | Total. |
| Scotland | { Below 5 years .. | | 3 | 5 | 1 | .. | 2 | 2 | 2 | 6 | 8 | 13 | 21 |
| | { Above 5 years .. | | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 1 |
| Vauxhall | { Below 5 years .. | | .. | .. | 1 | 1 | .. | 1 | 1 | 1 | 2 | 3 | 5 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Paul's | { Below 5 years .. | | 1 | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | 2 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Exchange | { Below 5 years .. | | .. | 1 | .. | .. | 1 | .. | .. | 1 | 1 | 2 | 3 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Anne's | { Below 5 years .. | | 1 | .. | .. | .. | 1 | .. | 2 | .. | 4 | .. | 4 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Lime Street | { Below 5 years .. | | .. | .. | 1 | 1 | .. | 1 | .. | .. | 1 | 2 | 3 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Castle Street | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Peter's | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pitt Street | { Below 5 years .. | | 1 | .. | 1 | .. | .. | .. | .. | .. | 2 | .. | 2 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Great George | { Below 5 years .. | | .. | .. | 1 | .. | 1 | .. | 1 | .. | 3 | .. | 3 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rodney Street | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Abercromby | { Below 5 years .. | | .. | .. | 3 | .. | .. | .. | .. | 1 | 3 | 1 | 4 |
| | { Above 5 years .. | | 1 | .. | .. | .. | .. | .. | 1 | .. | 2 | .. | 2 |
| Parish Workhouse and Hospitals | { Below 5 years .. | | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Out-Township Workhouse and Hospitals | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Everton | { Below 5 years .. | | 7 | 4 | 6 | 3 | 3 | 3 | 5 | 5 | 21 | 15 | 36 |
| | { Above 5 years .. | | 1 | 1 | .. | 1 | .. | .. | 1 | 1 | 2 | 3 | 5 |
| Kirkdale | { Below 5 years .. | | 2 | 3 | 4 | 1 | .. | 1 | 5 | .. | 11 | 5 | 16 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| West Derby | { Below 5 years .. | | 2 | 3 | 3 | 1 | 1 | 3 | 5 | 2 | 11 | 9 | 20 |
| | { Above 5 years .. | | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| North Toxteth | { Below 5 years .. | | 2 | 3 | 3 | 1 | 2 | 1 | 4 | .. | 11 | 5 | 16 |
| | { Above 5 years .. | | .. | .. | .. | 1 | .. | 1 | 1 | .. | 1 | 2 | 3 |
| South Toxteth | { Below 5 years .. | | 3 | .. | 1 | 7 | 4 | 2 | 4 | .. | 12 | 9 | 21 |
| | { Above 5 years .. | | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 |
| Parish | { Below 5 years .. | | 6 | 7 | 8 | 2 | 5 | 5 | 6 | 10 | 25 | 24 | 49 |
| | { Above 5 years .. | | 1 | .. | .. | 1 | .. | .. | 1 | .. | 2 | 1 | 3 |
| Out-Townships | { Below 5 years .. | | 16 | 13 | 17 | 13 | 10 | 10 | 23 | 7 | 66 | 43 | 109 |
| | { Above 5 years .. | | 3 | 2 | .. | 2 | .. | 1 | 2 | 1 | 5 | 6 | 11 |
| City | { Below 5 years .. | | 22 | 20 | 25 | 15 | 15 | 15 | 29 | 17 | 91 | 67 | 158 |
| | { Above 5 years .. | | 4 | 2 | .. | 3 | .. | 1 | 3 | 1 | 7 | 7 | 14 |

DEATHS FROM DIPHTHERIA.

| WARDS. | | | QUARTERS. | | | | | | | | YEAR. | | |
|---------------------------------------|--------------------|--|-----------|----|-------|----|-------|----|------|----|-------|----|--------|
| | | | March. | | June. | | Sept. | | Dec. | | | | |
| | | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | Total. |
| Scotland | { Below 5 years .. | | 1 | .. | 1 | .. | .. | 1 | .. | .. | 2 | 1 | 3 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Vauxhall | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Paul's | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Exchange | { Below 5 years .. | | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Anne's | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 1 |
| Lime Street | { Below 5 years .. | | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 1 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Castle Street | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Peter's | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pitt Street | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Great George | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 1 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rodney Street.... | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Abercromby | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 1 |
| | { Above 5 years .. | | .. | 1 | .. | 1 | .. | .. | .. | .. | 2 | .. | 2 |
| Parish Workhouse and Hospitals | { Below 5 years .. | | 1 | .. | .. | .. | 1 | .. | 1 | 1 | 3 | 1 | 4 |
| | { Above 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Out-Township Workhouse and Hospitals. | { Below 5 years .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Everton | { Below 5 years .. | | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 3 | 7 | .. | 10 |
| | { Above 5 years .. | | 1 | .. | .. | .. | 1 | 1 | 1 | 3 | 2 | .. | 5 |
| Kirkdale | { Below 5 years .. | | 1 | 1 | .. | .. | .. | .. | 1 | 1 | 2 | .. | 3 |
| | { Above 5 years .. | | .. | .. | .. | 1 | .. | .. | 1 | .. | 1 | 1 | 2 |
| West Derby | { Below 5 years .. | | .. | .. | 1 | .. | 1 | .. | 1 | 2 | 1 | .. | 3 |
| | { Above 5 years .. | | .. | .. | .. | 2 | .. | .. | 1 | .. | 3 | .. | 3 |
| North Toxteth | { Below 5 years .. | | .. | .. | 2 | 1 | .. | .. | .. | 2 | 1 | .. | 3 |
| | { Above 5 years .. | | 1 | 1 | .. | 1 | .. | .. | .. | 1 | 2 | .. | 3 |
| South Toxteth | { Below 5 years .. | | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| | { Above 5 years .. | | .. | 1 | .. | 1 | .. | .. | .. | .. | 2 | .. | 2 |
| Parish | { Below 5 years .. | | 3 | 1 | 1 | .. | 1 | 1 | 2 | 3 | 7 | 5 | 12 |
| | { Above 5 years .. | | .. | 1 | .. | 1 | .. | .. | 1 | .. | 1 | 2 | 3 |
| Out-Townships | { Below 5 years .. | | 2 | 4 | 4 | 2 | 2 | 1 | .. | 5 | 8 | 12 | 20 |
| | { Above 5 years .. | | 2 | 2 | 1 | 5 | 1 | 1 | 2 | 2 | 6 | 10 | 16 |
| City | { Below 5 years .. | | 5 | 5 | 5 | 2 | 3 | 2 | 2 | 8 | 15 | 17 | 32 |
| | { Above 5 years .. | | 2 | 3 | 1 | 6 | 1 | 1 | 3 | 2 | 7 | 12 | 19 |

OTHER ZYMOTICS.

Under the term of other Zymotics are included :—Small Pox, Chicken Pox, Cholera, Dysentery, Infantile Remittent Fever, Erysipelas, Syphilis, Thrush, Puerperal Fever, Rheumatic Fever, Quinsy, Ague, Purpura, and Hydrophobia.

| WARDS. | | | QUARTERS. | | | | | | | | YEAR. | | |
|---------------------------------------|--------------------|----|-----------|----|-------|----|-------|----|------|----|-------|-----|--------|
| | | | March. | | June. | | Sept. | | Dec. | | | | |
| | | | M | F. | M. | F. | M. | F. | M. | F. | M. | F. | Total. |
| Scotland | { Below 5 years .. | 2 | 1 | 3 | 1 | 5 | 5 | 2 | 3 | 12 | 10 | 22 | |
| | { Above 5 years .. | 2 | 2 | .. | 2 | 1 | 1 | 1 | 3 | 4 | 8 | 12 | |
| Vauxhall | { Below 5 years .. | 2 | 1 | .. | .. | .. | 2 | 1 | .. | 3 | 3 | 6 | |
| | { Above 5 years .. | 1 | .. | .. | 1 | .. | .. | .. | .. | 1 | 1 | 2 | |
| St. Paul's | { Below 5 years .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | |
| | { Above 5 years .. | 2 | .. | .. | .. | .. | 1 | 2 | .. | 4 | 1 | 5 | |
| Exchange | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| St. Anne's | { Below 5 years .. | .. | 1 | 1 | 2 | .. | .. | .. | 1 | 1 | 4 | 5 | |
| | { Above 5 years .. | .. | 2 | 1 | .. | .. | 1 | .. | 1 | 1 | 4 | 5 | |
| Lime Street | { Below 5 years .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | 2 | 2 | |
| | { Above 5 years .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | |
| Castle Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 1 | |
| St. Peter's | { Below 5 years .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 1 | |
| | { Above 5 years .. | 2 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 | |
| Pitt Street | { Below 5 years .. | .. | .. | .. | 1 | 2 | .. | .. | .. | 2 | 1 | 3 | |
| | { Above 5 years .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | |
| Great George | { Below 5 years .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 1 | |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Rodney Street | { Below 5 years .. | .. | 1 | .. | .. | .. | 1 | .. | 1 | .. | 3 | 3 | |
| | { Above 5 years .. | 1 | .. | 1 | .. | 1 | 1 | .. | .. | 3 | 1 | 4 | |
| Abercromby | { Below 5 years .. | .. | 1 | .. | .. | .. | .. | .. | 2 | .. | 3 | 3 | |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 | 2 | |
| Parish Workhouse and Hospitals | { Below 5 years .. | 1 | 3 | .. | 2 | 1 | .. | 2 | 2 | 4 | 7 | 11 | |
| | { Above 5 years .. | 5 | 2 | 3 | 1 | 3 | 2 | 4 | 2 | 15 | 7 | 22 | |
| Out-Township Workhouse and Hospitals. | { Below 5 years .. | .. | .. | .. | 3 | 2 | 1 | 2 | .. | 4 | 4 | 8 | |
| | { Above 5 years .. | 3 | 1 | 2 | 2 | 6 | 6 | 4 | 4 | 15 | 13 | 28 | |
| Everton | { Below 5 years .. | .. | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 4 | 7 | 11 | |
| | { Above 5 years .. | 1 | .. | 5 | 3 | 1 | 1 | 3 | 5 | 10 | 9 | 19 | |
| Kirkdale | { Below 5 years .. | 2 | 2 | 1 | .. | 1 | 1 | 3 | .. | 7 | 3 | 10 | |
| | { Above 5 years .. | 2 | 1 | 1 | 3 | 2 | .. | 1 | 4 | 6 | 8 | 14 | |
| West Derby | { Below 5 years .. | 1 | .. | 3 | 1 | 2 | 1 | 2 | .. | 8 | 2 | 10 | |
| | { Above 5 years .. | 4 | .. | .. | 1 | .. | 6 | 1 | .. | 5 | 7 | 12 | |
| North Toxteth | { Below 5 years .. | 1 | .. | .. | 1 | 3 | .. | .. | .. | 4 | 1 | 5 | |
| | { Above 5 years .. | 2 | 2 | 1 | 1 | .. | 1 | 2 | 2 | 5 | 6 | 11 | |
| South Toxteth | { Below 5 years .. | .. | 1 | 2 | 1 | .. | .. | 1 | .. | 3 | 2 | 5 | |
| | { Above 5 years .. | .. | .. | .. | .. | 2 | .. | .. | .. | 2 | .. | 2 | |
| Parish | { Below 5 years .. | 5 | 10 | 4 | 8 | 8 | 8 | 6 | 9 | 23 | 35 | 58 | |
| | { Above 5 years .. | 14 | 7 | 5 | 4 | 5 | 6 | 8 | 8 | 32 | 25 | 57 | |
| Out-Townships | { Below 5 years .. | 4 | 5 | 7 | 7 | 9 | 5 | 10 | 2 | 30 | 19 | 49 | |
| | { Above 5 years .. | 12 | 4 | 9 | 10 | 11 | 14 | 11 | 15 | 43 | 43 | 86 | |
| City | { Below 5 years .. | 9 | 15 | 11 | 15 | 17 | 13 | 16 | 11 | 53 | 54 | 107 | |
| | { Above 5 years .. | 26 | 11 | 14 | 14 | 16 | 20 | 19 | 23 | 75 | 68 | 143 | |

TUBERCULAR DISEASES.

This group of diseases includes Phthisis, Scrofula, Tabes Mesenterica, and Hydrocephalus. They occasioned 2,037 deaths in the City of Liverpool during the year 1883, of which 871 occurred in the Parish, and 1,166 in the Out-Townships. (The average number of deaths for the preceding ten years was 1,957). The death-rate was 3·6 per 1,000 of the estimated population; their percentage death-rate relatively to deaths from all causes was 13·5.

PHTHISIS.

The deaths from Phthisis amounted to 1,443, the average number for the preceding ten years being 1,441.

| WARDS. | | QUARTERS. | | | | | | | | YEAR. | | |
|---|--------------------|-----------|-----|-------|-----|-------|-----|------|-----|-------|-----|--------|
| | | March. | | June. | | Sept. | | Dec. | | | | |
| | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | Total. |
| Scotland | { Below 5 years .. | 2 | 2 | 1 | .. | 2 | 2 | 1 | 1 | 6 | 5 | 11 |
| | { Above 5 years .. | 14 | 22 | 16 | 23 | 8 | 11 | 17 | 15 | 55 | 71 | 126 |
| Vauxhall | { Below 5 years .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| | { Above 5 years .. | 3 | 5 | 2 | 4 | 4 | 3 | .. | 1 | 9 | 13 | 22 |
| St. Paul's | { Below 5 years .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 1 |
| | { Above 5 years .. | 2 | 4 | 2 | 1 | 3 | 2 | 2 | 1 | 9 | 8 | 17 |
| Exchange | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | 1 | 2 | 2 | 3 | 3 | 1 | 3 | 1 | 9 | 7 | 16 |
| St. Anne's | { Below 5 years .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 |
| | { Above 5 years .. | 8 | 8 | 4 | 6 | 5 | 12 | .. | .. | .. | .. | .. |
| Lime Street | { Below 5 years .. | 1 | .. | .. | .. | 1 | .. | .. | .. | 2 | .. | 2 |
| | { Above 5 years .. | 2 | .. | 1 | 2 | 3 | 2 | 2 | 3 | 8 | 7 | 15 |
| Castle Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| St. Peter's | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | 2 | 1 | .. | 2 | 1 | .. | 2 | .. | 5 | 3 | 8 |
| Pitt Street | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | 2 | 2 | .. | .. | 2 | 2 | .. | .. | .. | .. | .. |
| Great George | { Below 5 years .. | 1 | .. | .. | .. | .. | .. | 2 | 4 | 6 | 10 | 10 |
| | { Above 5 years .. | 5 | 9 | 3 | 6 | 1 | 2 | .. | .. | 1 | .. | 1 |
| Rodney Street | { Below 5 years .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 1 | 1 | 2 |
| | { Above 5 years .. | 6 | 4 | 7 | 3 | 2 | 5 | 5 | 2 | 20 | 14 | 34 |
| Abercromby | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | 6 | 4 | 6 | 6 | 6 | 4 | 5 | 2 | 23 | 16 | 39 |
| Parish Workhouse and Hospitals | { Below 5 years .. | 1 | .. | 1 | .. | .. | 1 | .. | .. | 2 | 1 | 3 |
| | { Above 5 years .. | 39 | 28 | 60 | 36 | 31 | 17 | 36 | 21 | 166 | 102 | 268 |
| Out-Township Workhouse and Hospitals .. | { Below 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | { Above 5 years .. | 19 | 16 | 19 | 15 | 8 | 8 | 8 | 6 | 54 | 45 | 99 |
| Everton | { Below 5 years .. | 1 | .. | 4 | 2 | 1 | 1 | 1 | 1 | 7 | 4 | 11 |
| | { Above 5 years .. | 32 | 38 | 36 | 24 | 21 | 21 | 24 | 26 | 113 | 109 | 222 |
| Kirkdale | { Below 5 years .. | .. | .. | 3 | .. | .. | .. | .. | .. | 3 | .. | 3 |
| | { Above 5 years .. | 12 | 17 | 18 | 16 | 13 | 8 | 10 | 9 | 53 | 50 | 103 |
| West Derby | { Below 5 years .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 | 2 | 2 | 4 |
| | { Above 5 years .. | 16 | 19 | 22 | 15 | 12 | 19 | 24 | 16 | 74 | 69 | 143 |
| North Toxteth | { Below 5 years .. | .. | .. | 1 | 1 | 1 | 1 | .. | .. | 2 | 2 | 4 |
| | { Above 5 years .. | 14 | 22 | 11 | 17 | 15 | 18 | 13 | 11 | 53 | 68 | 121 |
| South Toxteth | { Below 5 years .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 1 |
| | { Above 5 years .. | 8 | 15 | 11 | 8 | 6 | 10 | 8 | 6 | 33 | 39 | 72 |
| Parish | { Below 5 years .. | 7 | 3 | 2 | 2 | 4 | 3 | 1 | 1 | 14 | 9 | 23 |
| | { Above 5 years .. | 90 | 90 | 103 | 92 | 69 | 61 | 79 | 53 | 341 | 296 | 637 |
| Out-Townships | { Below 5 years .. | 2 | 1 | 8 | 3 | 2 | 2 | 3 | 2 | 15 | 8 | 23 |
| | { Above 5 years .. | 101 | 127 | 117 | 95 | 75 | 84 | 87 | 74 | 380 | 380 | 760 |
| City | { Below 5 years .. | 9 | 4 | 10 | 5 | 6 | 5 | 4 | 3 | 29 | 17 | 46 |
| | { Above 5 years .. | 191 | 217 | 220 | 187 | 144 | 145 | 166 | 127 | 721 | 676 | 1397 |

DEATHS FROM THE OTHER TUBERCULAR DISEASES.

| WARDS. | | QUARTERS. | | | | | | | | YEAR. | | |
|---------------------------------------|--------------------|-----------|----|-------|----|-------|----|------|----|-------|-----|--------|
| | | March. | | June. | | Sept. | | Dec. | | | | |
| | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | Total. |
| Scotland | { Below 5 years .. | 7 | 9 | 14 | 12 | 8 | 10 | 14 | 9 | 43 | 40 | 83 |
| | { Above 5 years .. | 1 | .. | 2 | 2 | .. | 1 | .. | .. | 3 | 3 | 6 |
| Vauxhall | { Below 5 years .. | 2 | .. | .. | 1 | 1 | 2 | .. | 1 | 3 | 4 | 7 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Paul's | { Below 5 years .. | .. | 1 | 1 | .. | .. | 2 | 1 | .. | 2 | 3 | 5 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Exchange | { Below 5 years .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 | 3 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Anne's | { Below 5 years .. | 4 | 6 | 5 | 3 | 5 | 2 | 3 | 2 | 17 | 13 | 30 |
| | { Above 5 years .. | 1 | 1 | .. | 1 | 1 | 1 | 1 | .. | 3 | 3 | 6 |
| Lime Street | { Below 5 years .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Castle Street | { Below 5 years .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 2 | .. | 2 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Peter's | { Below 5 years .. | 1 | .. | 1 | .. | .. | 1 | .. | .. | 2 | 1 | 3 |
| | { Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pitt Street | { Below 5 years .. | .. | 1 | .. | .. | 1 | .. | 1 | .. | 2 | 1 | 3 |
| | { Above 5 years .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | 2 | 1 | 3 |
| Great George | { Below 5 years .. | .. | 1 | .. | .. | .. | 1 | .. | 1 | .. | 3 | 3 |
| | { Above 5 years .. | 1 | .. | 1 | .. | .. | .. | .. | .. | 2 | .. | 2 |
| Rodney Street | { Below 5 years .. | .. | .. | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 4 | 8 |
| | { Above 5 years .. | .. | .. | .. | .. | 2 | .. | .. | .. | 2 | .. | 2 |
| Abercromby | { Below 5 years .. | 3 | .. | .. | 1 | .. | 2 | 1 | 2 | 4 | 5 | 9 |
| | { Above 5 years .. | .. | 2 | 1 | .. | .. | 2 | .. | .. | 1 | 4 | 5 |
| Parish Workhouse and Hospitals | { Below 5 years .. | 1 | 2 | 1 | 3 | 3 | 2 | 2 | 2 | 7 | 9 | 16 |
| | { Above 5 years .. | 2 | 1 | 3 | 3 | 1 | 2 | 1 | 1 | 7 | 7 | 14 |
| Out-Township Workhouse and Hospitals. | { Below 5 years .. | 2 | .. | .. | .. | 1 | 1 | .. | .. | 3 | 1 | 4 |
| | { Above 5 years .. | 3 | .. | .. | .. | 3 | 1 | 2 | .. | 8 | 1 | 9 |
| Everton | { Below 5 years .. | 17 | 12 | 18 | 8 | 18 | 13 | 21 | 9 | 74 | 42 | 116 |
| | { Above 5 years .. | 7 | .. | 4 | 1 | 6 | 3 | 3 | 3 | 20 | 7 | 27 |
| Kirkdale | { Below 5 years .. | 10 | 2 | 14 | 9 | 6 | 8 | 12 | 4 | 42 | 23 | 65 |
| | { Above 5 years .. | 1 | 2 | 1 | .. | .. | 3 | 1 | 1 | 3 | 6 | 9 |
| West Derby | { Below 5 years .. | 11 | 1 | 7 | 3 | 12 | 4 | 6 | 5 | 36 | 13 | 49 |
| | { Above 5 years .. | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 3 | 8 | 9 | 17 |
| North Toxteth | { Below 5 years .. | 4 | 4 | 3 | 7 | 9 | 3 | 3 | 3 | 19 | 17 | 36 |
| | { Above 5 years .. | .. | 2 | .. | 2 | 2 | 1 | .. | 1 | 2 | 6 | 8 |
| South Toxteth | { Below 5 years .. | 7 | 4 | 4 | 4 | 3 | 7 | 3 | 4 | 17 | 19 | 36 |
| | { Above 5 years .. | .. | 4 | 1 | 1 | .. | .. | .. | 1 | 1 | 6 | 7 |
| Parish | { Below 5 years .. | 18 | 21 | 24 | 21 | 20 | 24 | 25 | 20 | 87 | 86 | 173 |
| | { Above 5 years .. | 6 | 5 | 7 | 6 | 4 | 6 | 3 | 1 | 20 | 18 | 38 |
| Out-Townships | { Below 5 years .. | 51 | 23 | 46 | 31 | 49 | 36 | 45 | 25 | 191 | 115 | 306 |
| | { Above 5 years .. | 14 | 10 | 8 | 6 | 13 | 10 | 7 | 9 | 42 | 35 | 77 |
| City | { Below 5 years .. | 69 | 44 | 70 | 52 | 69 | 60 | 70 | 45 | 278 | 201 | 479 |
| | { Above 5 years .. | 20 | 15 | 15 | 12 | 17 | 16 | 10 | 10 | 62 | 53 | 115 |

Mr. Hartnup has kindly supplied the following Meteorological Table :—
LIVERPOOL OBSERVATORY.

| DATE—1883. | Mean Barometer. | Mean Temperature. | Rainfall on Ground. |
|-----------------|--------------------|----------------------|------------------------|
| | Inches. | ° | Inches. |
| January | 29.795 | 40.4 | 2.785 |
| February | 29.950 | 43.4 | 1.463 |
| March | 29.956 | 37.2 | 1.025 |
| April | 29.995 | 47.4 | 0.846 |
| May .. | 29.950 | 51.4 | 0.771 |
| June | 29.952 | 56.6 | 2.209 |
| July | 29.814 | 58.4 | 2.990 |
| August | 29.960 | 59.6 | 2.273 |
| September | 29.781 | 56.3 | 5.297 |
| October | 29.912 | 50.0 | 5.003 |
| November | 29.797 | 44.3 | 2.748 |
| December | 30.126 | 42.3 | 1.520 |

Mr. Hagger, the Vestry Clerk, has kindly supplied the following Tables:—

PARISH OF LIVERPOOL.

Return of Infectious Diseases, &c., in Workhouse Hospital.

| 1883. WEEK ENDING | | TYPHUS. | | | | | SIMPLE CONTINUED. | | | | | MEASLES. | | | | |
|-------------------------|--------|-----------------------------------|-----------|-------------|-------|------------------------------|-----------------------------------|-----------|-------------|-------|------------------------------|----------------------------------|-----------|-------------|-------|------------------------------|
| | | No. at commence- ment of week. | Admitted. | Discharged. | Died. | Remaining at end of week. | No. at commence- ment of week. | Admitted. | Discharged. | Died. | Remaining at end of week. | No. at commence ment of week. | Admitted. | Discharged. | Died. | Remaining at end of week. |
| Jan. | 6.... | 93 | 37 | 37 | 8 | 85 | 19 | 3 | 12 | 1 | 9 | 2 | .. | 1 | .. | 1 |
| „ | 13.... | 85 | 44 | 16 | 5 | 108 | 9 | 12 | 5 | 1 | 15 | 1 | .. | 1 | .. | .. |
| „ | 20.... | 108 | 37 | 13 | 7 | 125 | 15 | 7 | 8 | 1 | 13 | .. | .. | .. | .. | .. |
| „ | 27.... | 125 | 37 | 24 | 8 | 130 | 13 | 3 | 6 | 1 | 9 | .. | 3 | .. | .. | 3 |
| Feb. | 3.... | 130 | 19 | 37 | 9 | 103 | 9 | 11 | 11 | 1 | 8 | 3 | 1 | .. | 1 | 3 |
| „ | 10.... | 103 | 34 | 34 | 5 | 98 | 8 | 4 | 1 | 1 | 10 | 3 | 4 | 1 | .. | 6 |
| „ | 17.... | 98 | 30 | 27 | 2 | 99 | 10 | 2 | 5 | .. | 7 | 6 | 4 | .. | .. | 10 |
| „ | 24.... | 99 | 20 | 26 | 11 | 82 | 7 | 9 | 5 | .. | 11 | 10 | 15 | 12 | .. | 13 |
| March | 3.... | 82 | 35 | 24 | 7 | 86 | 11 | 7 | 6 | .. | 12 | 13 | 4 | 1 | .. | 16 |
| „ | 10.... | 86 | 28 | 22 | 2 | 90 | 12 | 1 | 3 | .. | 10 | 16 | 1 | .. | 2 | 15 |
| „ | 17.... | 90 | 25 | 17 | 9 | 89 | 10 | 10 | 13 | .. | 7 | 15 | 2 | 8 | 1 | 8 |
| „ | 24.... | 89 | 23 | 25 | 5 | 82 | 7 | 6 | 9 | 1 | 3 | 8 | 4 | 3 | .. | 9 |
| „ | 31.... | 82 | 14 | 23 | 7 | 66 | 3 | 9 | 3 | 2 | 7 | 9 | 2 | 6 | .. | 5 |
| April | 7.... | 66 | 15 | 9 | 2 | 70 | 7 | 15 | 4 | 2 | 16 | 5 | .. | 2 | .. | 3 |
| „ | 14.... | 70 | 20 | 22 | 5 | 63 | 16 | 9 | 10 | 1 | 14 | 3 | 1 | 1 | .. | 3 |
| „ | 21.... | 63 | 11 | 21 | 2 | 51 | 14 | 11 | 12 | 1 | 12 | 3 | 3 | 1 | .. | 5 |
| „ | 28.... | 51 | 16 | 11 | 5 | 51 | 12 | 8 | 9 | 1 | 10 | 5 | 6 | 1 | .. | 10 |
| May | 5.... | 51 | 14 | 14 | 5 | 46 | 10 | 10 | 7 | 1 | 12 | 10 | 3 | .. | .. | 13 |
| „ | 12.... | 46 | 15 | 7 | 5 | 49 | 12 | 5 | 6 | .. | 11 | 13 | 1 | 6 | .. | 8 |
| „ | 19.... | 49 | 9 | 13 | 3 | 42 | 11 | 8 | 7 | 2 | 10 | 8 | 1 | 5 | .. | 4 |
| „ | 26.... | 42 | 12 | 10 | 2 | 42 | 10 | 8 | 4 | .. | 14 | 4 | 2 | 1 | 1 | 4 |
| June | 2.... | 42 | 13 | 7 | 3 | 45 | 14 | 7 | 6 | 1 | 14 | 4 | 4 | 2 | .. | 6 |
| „ | 9.... | 45 | 10 | 9 | 1 | 45 | 14 | 5 | 4 | 1 | 14 | 6 | .. | 1 | .. | 5 |
| „ | 16.... | 45 | 17 | 10 | 3 | 49 | 14 | 8 | 6 | .. | 16 | 5 | 5 | .. | 1 | 9 |
| „ | 23.... | 49 | 26 | 11 | 6 | 58 | 16 | 10 | 7 | .. | 19 | 9 | 2 | 1 | .. | 10 |
| „ | 30.... | 58 | 15 | 13 | 7 | 53 | 19 | 4 | 6 | .. | 17 | 10 | 2 | 4 | .. | 8 |
| July | 7.... | 53 | 33 | 11 | 6 | 69 | 17 | 15 | 23 | .. | 9 | 8 | 7 | 15 | .. | .. |
| „ | 14.... | 69 | 9 | 16 | 2 | 60 | 9 | 2 | 6 | 1 | 4 | .. | .. | .. | .. | .. |
| „ | 21.... | 60 | 20 | 17 | 4 | 59 | 4 | 2 | 4 | .. | 2 | .. | .. | .. | .. | .. |
| „ | 28.... | 59 | 21 | 17 | 4 | 59 | 2 | 5 | 4 | .. | 3 | .. | .. | .. | .. | .. |
| Aug. | 4.... | 59 | 37 | 14 | 6 | 76 | 3 | 3 | 3 | .. | 3 | .. | .. | .. | .. | .. |
| „ | 11.... | 76 | 14 | 16 | 7 | 67 | 3 | 7 | 7 | .. | 3 | .. | .. | .. | .. | .. |
| „ | 18.... | 67 | 24 | 13 | 4 | 74 | 3 | 5 | 4 | .. | 4 | .. | .. | .. | .. | .. |
| „ | 25.... | 74 | 21 | 13 | 4 | 78 | 4 | 6 | 6 | 1 | 3 | .. | .. | .. | .. | .. |
| Sept. | 1.... | 78 | 11 | 27 | 5 | 57 | 3 | 2 | 2 | .. | 3 | .. | .. | .. | .. | .. |
| „ | 8.... | 57 | 9 | 16 | .. | 50 | 3 | .. | .. | .. | 3 | .. | .. | .. | .. | .. |
| „ | 15.... | 50 | 18 | 16 | 3 | 49 | 3 | 4 | 3 | .. | 4 | .. | .. | .. | .. | .. |
| „ | 22.... | 49 | 23 | 23 | .. | 49 | 4 | 2 | 3 | .. | 3 | .. | .. | .. | .. | .. |
| „ | 29.... | 49 | 23 | 3 | 4 | 65 | 3 | 2 | 2 | .. | 3 | .. | .. | .. | .. | .. |
| Oct. | 6.... | 65 | 19 | 8 | 2 | 74 | 3 | 3 | 3 | .. | 3 | .. | .. | .. | .. | .. |
| „ | 13.... | 74 | 22 | 17 | 2 | 77 | 3 | 4 | 1 | .. | 6 | .. | .. | .. | .. | .. |
| „ | 20.... | 77 | 18 | 24 | 4 | 67 | 6 | .. | 5 | .. | 1 | .. | .. | .. | .. | .. |
| „ | 27.... | 67 | 10 | 17 | 2 | 58 | 1 | 2 | 2 | .. | 1 | .. | .. | .. | .. | .. |
| Nov. | 3.... | 58 | 22 | 15 | 2 | 63 | 1 | 3 | 2 | 1 | 1 | .. | .. | .. | .. | .. |
| „ | 10.... | 63 | 15 | 18 | 2 | 58 | 1 | 4 | 3 | .. | 2 | .. | .. | .. | .. | .. |
| „ | 17.... | 58 | 18 | 20 | 3 | 53 | 2 | 1 | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| „ | 24.... | 53 | 9 | 10 | 2 | 50 | 1 | 7 | 3 | .. | 5 | .. | .. | .. | .. | .. |
| Dec. | 1.... | 50 | 12 | 15 | 1 | 46 | 5 | 5 | 2 | .. | 8 | .. | .. | .. | .. | .. |
| „ | 8.... | 46 | 11 | 10 | 2 | 45 | 8 | 7 | 2 | .. | 13 | .. | .. | .. | .. | .. |
| „ | 15.... | 45 | 18 | 14 | 2 | 47 | 13 | 5 | 5 | .. | 13 | .. | .. | .. | .. | .. |
| „ | 22.... | 47 | 5 | 18 | 6 | 28 | 13 | 8 | 8 | .. | 13 | .. | 1 | .. | .. | 1 |
| „ | 29.... | 28 | 9 | 5 | 1 | 31 | 13 | 5 | 5 | 2 | 11 | 1 | 1 | .. | .. | 2 |

PARISH OF LIVERPOOL.

Return of Infectious Diseases, &c., in Workhouse Hospital.

[illegible]

These show that the average number of persons suffering from Continued Fever (including therein Typhus, Typhoid, and simple Continued Fever) at one time in Hospital during the year 1883 was 75, and their percentage Death-rate was 16·7. The average number of cases of Measles at one time in Hospital during the year was 3, and the percentage Death-rate was 7·4. All Small Pox cases belonging to the Parish were treated in the West Derby Union Hospital, Mill Road.

PARISH OF LIVERPOOL.

RETURN OF PERSONS IN RECEIPT OF RELIEF IN THE YEAR 1883.

| Week ending. | Work-house. | Industrial Schools. | Out-Relief. | Week ending. | Work-house. | Industrial Schools. | Out-Relief. |
|--------------|-------------|---------------------|-------------|---------------|-------------|---------------------|-------------|
| 1883. | | | | 1883. | | | |
| January 6.. | 3157 | 976 | 2356 | July 7.. | 2716 | 909 | 2450 |
| „ 13.. | 3230 | 952 | 2384 | „ 14.. | 2679 | 894 | 2403 |
| „ 20.. | 3205 | 972 | 2380 | „ 21.. | 2722 | 907 | 2422 |
| „ 27.. | 3257 | 957 | 2431 | „ 28.. | 2742 | 888 | 2405 |
| February 3.. | 3220 | 989 | 2416 | August 4.. | 2729 | 919 | 2424 |
| „ 10.. | 3223 | 978 | 2455 | „ 11.. | 2763 | 906 | 2452 |
| „ 17.. | 3182 | 993 | 2455 | „ 18.. | 2749 | 914 | 2460 |
| „ 24.. | 3172 | 974 | 2449 | „ 25.. | 2789 | 879 | 2485 |
| March 3.. | 3125 | 982 | 2433 | September 1.. | 2689 | 918 | 2500 |
| „ 10.. | 3197 | 964 | 2457 | „ 8.. | 2756 | 909 | 2495 |
| „ 17.. | 3159 | 981 | 2459 | „ 15.. | 2722 | 921 | 2481 |
| „ 24.. | 3177 | 969 | 2509 | „ 22.. | 2724 | 908 | 2484 |
| „ 31.. | 3081 | 994 | 2491 | „ 29.. | 2766 | 893 | 2509 |
| April 7.. | 3052 | 975 | 2537 | October 6.. | 2785 | 890 | 2478 |
| „ 14.. | 2972 | 987 | 2451 | „ 13.. | 2760 | 931 | 2462 |
| „ 21.. | 2920 | 965 | 2499 | „ 20.. | 2792 | 920 | 2425 |
| „ 28.. | 2920 | 973 | 2500 | „ 27.. | 2774 | 938 | 2445 |
| May 5.. | 2854 | 945 | 2476 | November 3.. | 2824 | 923 | 2450 |
| „ 12.. | 2826 | 946 | 2502 | „ 10.. | 2817 | 952 | 2485 |
| „ 19.. | 2816 | 926 | 2458 | „ 17.. | 2841 | 951 | 2513 |
| „ 26.. | 2787 | 957 | 2431 | „ 24.. | 2875 | 975 | 2542 |
| June 2.. | 2753 | 937 | 2466 | December 1.. | 2895 | 964 | 2538 |
| „ 9.. | 2710 | 956 | 2407 | „ 8.. | 2917 | 981 | 2524 |
| „ 16.. | 2730 | 928 | 2399 | „ 15.. | 2907 | 971 | 2549 |
| „ 23.. | 2746 | 951 | 2389 | „ 22.. | 2905 | 971 | 2582 |
| „ 30.. | 2766 | 916 | 2418 | „ 29.. | 2881 | 953 | 2573 |

The number of persons in receipt of Parochial Relief on Saturday, 30th of June, 1883, was 6,100, or 160 more than at the corresponding period of 1882; and the number on Saturday, the 29th December, 1883, was 6,407, or 77 less than at the same period of 1882.

SANITARY WORK.

Privies Certified for Conversion into Water Closets during the year 1883.

| WARDS. | No. of Privies Certified. |
|---------------------|------------------------------|
| Scotland | 63 |
| Vauxhall | 2 |
| St. Paul's | 2 |
| St. Anne's | 41 |
| Lime Street | 30 |
| Pitt Street | 18 |
| Great George | 33 |
| Rodney Street | 66 |
| Abercromby | 236 |
| Everton | 530 |
| Kirkdale | 182 |
| West Derby | 466 |
| North Toxteth | 306 |
| South Toxteth | 342 |
| TOTAL | 2317 |

OFFENSIVE TRADES.

The following applications were made during the year, and a report by the Medical Officer was submitted to the Health Committee on each case.

SLAUGHTERHOUSE TRANSFER.

Finch Place Refused 5th April,
 " " Postponed 5th July,

Until the premises were put in proper repair.

| Premises. | Business. | Granted. | Refused. | Date. |
|--------------------------|------------------------------|----------|----------|---------------|
| 23, Jervis Street .. | Potted Meat | .. | 1 | 15th February |
| 164, Boundary " .. | Tripe Boiling | 1 | .. | 5th April |
| 9, Reynolds " .. | Drying Fish Skins | .. | 1 | 5th April |
| 91, Banastre " .. | Refining Tallow and Lard .. | .. | 1 | 7th June |
| Bankhall | Soap Manufactory | 1 | .. | 16th August |
| 80, Mill Street | Tripe Boiling | .. | 1 | 13th Sept. |
| 10, Lorton " | " " | .. | 1 | 13th Sept. |
| 55, Commercial Road .. | Drying Fish Skins | 1 | .. | 27th Sept. |
| 74, Freemason's Row .. | Tallow Melting | .. | 1 | 27th Sept. |
| 65 & 69, Benledi Street. | " " | .. | 1 | 18th October |
| 3, Ilford " .. | Tripe Boiling | .. | 1 | 25th October |
| Riding " .. | Tripe and Cowheel Boiling .. | .. | 1 | 25th October |
| | | 3 | 9 | |

PUMPFIELDS

Having been purchased by the Corporation, the nuisance arising from the offensive trades, which have been carried on there for a number of years, came under the consideration of the Finance Committee, and the Medical Officer was requested "to report on the trades carried on in this and the adjoining property." The following extracts are from the report:—"On the north side of Pumpfields are the very extensive works of Messrs. Kurtz for the manufacture of ammonia, &c., from the residual products of gas making. The odours given off are disagreeable, but with proper care they can be so minimised as not to injure health. On the south side are the chemical works of Mr. Murphy for the manufacture of alkali and vitriol. No complaints have been made for some time respecting these works. There are also some offensive trades, such as grease melting, gut scraping, and albumen making, carried on in Pumpfields as well as on the adjacent property. Complaints are occasionally made respecting these processes, and proceedings have been taken under the Public Health Act."

"The two most important works in Pumpfields are those of Messrs. Slack, Ashcroft & Co., for the manufacture of sublimed sulphur, sulphuric and muriatic acids, &c., and of Mr. Hadfield for boiling and burning bones—the latter being one of the most offensive trades, and giving rise (and very properly, too) to numerous complaints." The lease of Mr. Hadfield's works being about to expire, the Council decided not to grant a renewal of it, thus removing a business from the centre of the City where it never should have been permitted. It is but justice to Mr. Hadfield to state that he spared no expense in the construction and alteration of his plant with the hope of obviating a nuisance, but without effect.

ST. MARY'S CEMETERY, KIRKDALE.

A representation was made to the Home Office by order of the Health Committee respecting the condition of the above Cemetery, and Dr. Hoffman was instructed to report to the Secretary of State. Dr. Hoffman inspected the grounds on 30th August, and afterwards held an inquiry as to the complaints, examining the Medical Officer of Health, the officials of the Cemetery, and persons interested in it. Subsequently an order in Council was issued, as follows:—

Walton on-the-Hill.—That the order of Her Majesty in Council of the 10th May, 1872, affecting burials in St. Mary's Cemetery, Liverpool, be varied by substituting for it the following order, viz., that burials be

discontinued forthwith and entirely in the existing gravel pathways of St. Mary's Cemetery, in the Parish of Walton-on-the-Hill; and in the rest of the Cemetery, except as follows:—

(a) In such vaults and wholly walled graves as are now existing in this part of the Cemetery burials may be allowed on condition that every coffin buried therein be separately enclosed by stonework or brickwork properly cemented:

(b) In such earthen graves now existing in this part of the Cemetery as can be opened to the depth of five feet without exposing coffins or disturbing human remains burials may be allowed of so many of the following relations of those already interred therein, viz., widows, widowers, parents, children, brothers, and sisters, as can be buried at or below that depth.

And that forty-eight hours' notice, at least, shall be given for any intended burial to the Inspector of Nuisances.

(Signed)

C. L. PEEL.

LIVERPOOL SANITARY AMENDMENT ACT, 1864.

In the report for 1882 reference was made to an amendment of this Act obtained by the Corporation, by which “a report by the Medical Officer of Health, under the Liverpool Sanitary Amendment Act, 1864, as to the condition of courts, alleys, and other premises, need not be made and signed in duplicate, and a copy need not be delivered to the Clerk of the Peace unless the Corporation specially so direct.”

To assist the Corporation in carrying out the Act at the earliest possible date, the Medical Officer, whilst the Bill was before Parliament, visited the whole of the insanitary property in the City, and prepared a list of near one thousand houses which he considered should be dealt with, and laid it before the Health Committee in October, 1882.

On the constitution of the Health Committee in the following month, November, a Sub-Committee was appointed to consider the above list, and decide upon the course to be adopted in acquiring insanitary property without presentment by the Grand Jury.

Under the original Act six presentments had been made on the Medical Officer's reports, dealing with 635 houses, of which 615 were demolished and 20 were partly demolished.

By the amended Act the Corporation could not acquire by agreement any property unless it was included in a Report of the Medical Officer, and it was for the Council to decide whether a copy of the Report should be sent to the Clerk of the Peace or referred to the Health Committee. The latter course was adopted with the reports framed chiefly from the above list dealing with 382 houses, made during 1883. The following premises were included in the Reports of the Medical Officer of Health, laid before the Council by the Town Clerk, and referred to the Health Committee and Insanitary Property Committee, to be dealt with during the year :—

Lower Myrtle-street.—The front houses Nos. 1 and 3 in the said street, and the house No. 1 in No. 1 court in the said street ought to be demolished.

Lower Myrtle-street and Thurlow-street.—That the houses Nos. 15, 17, 19, and 21, Lower Myrtle-street, and six houses forming court 9 in Lower Myrtle-street, being Nos. 1 to 6 inclusive; also, the houses Nos. 35, 37, 39, and 41, Thurlow-street, and the houses being Nos. 1, 2, and 3 in court 11, Thurlow-street, and the houses being Nos. 1, 2, 3, and 5 in court 13, Thurlow-street, ought to be demolished.

Lower Myrtle-street.—The front houses Nos. 12 and 14 in the said street ought to be demolished.

Chisenhale-street.—The front house No. 57 in said street, and two houses Nos. 1 and 2 in Nos. 27 court in the said street, ought to be demolished.

Chisenhale-street.—The two front houses Nos. 53 and 55 in the said street, and the four houses Nos. 1, 2, 3, and 4 in No. 25 court in the said street, ought to be demolished.

Chisenhale-street.—The front houses Nos. 43 and 45 in the said street, and the three houses in No. 19 court in the said street, ought to be demolished.

Chisenhale-street.—The front houses Nos. 65, 67, and 69 in the said street, and the six houses in No. 31 court in the said street ought to be demolished.

Chisenhale-street.—The front houses Nos. 71, 73, 75, and 77 in the said street, and the 16 houses in Nos. 33 and 35 courts in the said street, ought to be demolished.

Chisenhale-street.—The front house No. 79 in the said street, and the houses Nos. 1 and 2 in No. 37 court in the said street, ought to be demolished.

Oriel street.—The front house No. 13 in the said street, and the nine houses in rear and above on terrace in No. 3 court in the said street, ought to be demolished.

Oriel-street.—The front houses Nos. 20, 22, 24, 26, 28, 30, 36, 38, 40, 42, 48, 50, 52, 54, 56, 58, 60, and 62 in the said street, ought to be demolished.

Oriel-street.—The seven houses in 8 court and eight houses in each of the following courts, Nos. 10, 12, 16, 18, 22, 24, 26, and 28 in the said street, ought to be demolished.

Naylor-street.—The front house No. 10 in the said street ought to be demolished.

Blenheim-street.—The front houses Nos. 134 and 136 in the said street, and the six houses in No. 6 court in the said street, ought to be demolished.

Blenheim-street and St. Martin-street.—The front houses Nos. 126 and 128 in Blenheim-street, and ten houses in No. 2 court, Blenheim-street, also the front houses Nos. 5 and 7 in St. Martin-street, ought to be demolished.

Henderson-street.—The houses Nos. 50 and 52 in the said street, and four houses forming No. 4 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 54 and 56 in the said street, also the sculleries of the said houses, ought to be demolished.

Henderson-street.—The houses Nos. 58 and 60 in the said street, and the buildings at the back called No. 6 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 62 and 64 in the said street, and four houses forming No. 8 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 66 and 68 in the said street, and six houses forming No. 10 court in the said street ought to be demolished.

Henderson-street.—The houses Nos. 70 and 72 in the said street, and six houses forming No. 12 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 74 and 76 in the said street, and six houses forming No. 14 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 78 and 80 in the said street, and six houses forming No. 16 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 82 and 84 in the said street, and four houses forming No. 18 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 86 and 88 in the said street ought to be demolished.

Henderson-street.—The houses Nos. 90 and 92 in the said street, and three houses forming No. 20 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 94 and 96 in the said street, and four houses forming No. 22 court in the said street, ought to be demolished.

Henderson-street.—The house No. 98 in the said street, and two houses forming No. 24 court in the said street, ought to be demolished.

Henderson-street.—The house No. 100 in the said street, and four houses forming No. 26 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 102 and 104 in the said street, and six houses forming No. 28 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 106 and 108 in the said street, and five houses forming No. 30 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 110, 112, 114, 116, and 118 in the said street, and nine houses forming No. 32 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 120 and 122 in the said street, and four houses forming No. 34 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 124, 126, and 128 in the said street, and four houses forming No. 36 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 130 and 132 in the said street, and four houses forming No. 38 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 134, 136, and 138 in the said street, and four houses forming No. 40 court in the said street, ought to be demolished.

Henderson-street.—The houses No. 140 and 142 in the said street, and four houses forming No. 42 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 144 and 146 in the said street ought to be demolished.

Henderson-street.—The house No. 148 in the said street, and four houses forming No. 44 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 150, 152, and 154 in the said street, and four houses forming No. 46 court in the said street, ought to be demolished.

Henderson-street.—The houses Nos. 156 and 158 in the said street, and four houses forming No. 48 court in the said street, ought to be demolished.

Henderson-street.—The house No. 160 in the said street, and three houses forming No. 50 court in the said street, ought to be demolished.

Newhall-street.—The front house No. 1 in the said street, and the houses Nos. 1, 2, and 3 in No. 1 court in the said street, ought to be demolished.

Harding street.—The front houses Nos. 38 and 40 in the said street, and the houses Nos. 1, 2, 3, and 4 in No. 12 court in the said street, ought to be demolished.

Lionel-street.—The front house No. 29 in the said street ought to be demolished.

Brindley-street.—The front houses Nos. 10, 12, 14, 16, and 18 in the said street, and the six houses Nos. 1, 2, 3, 4, 5, and 6 in No. 4 Court; and the four houses Nos. 1, 2, 3, and 4 in No. 6 Court; and the houses Nos. 2 and 4 in No. 8 court in the said street, ought to be demolished.

The City Engineer has kindly supplied the following returns:—

NUMBER OF HOUSES ERECTED AND TAKEN DOWN IN THE 16 WARDS DURING 1883.

| No. | WARDS. | Houses Erected. | Houses taken down. |
|------------|----------------------------|--------------------|-----------------------|
| 1 | Everton and Kirkdale | 597 | 210 |
| 2 | Scotland | 7 | 41 |
| 3 | Vauxhall..... | 1 | 69 |
| 4 | St. Paul's | | 278 |
| 5 | Exchange | | 48 |
| 6 | Castle Street | 2 | |
| 7 | St. Peter's | | 49 |
| 8 | Pitt Street | | 46 |
| 9 | Great George | | |
| 10 | Rodney Street | 1 | 2 |
| 11 | Abercromby | 1 | 76 |
| 12 | Lime Street | 9 | 22 |
| 13 | St. Anne's | | 4 |
| 14 | West Derby | 238 | 6 |
| 15 | North Toxteth | 255 | 16 |
| 16 | South Toxteth | 25 | 49 |
| TOTAL..... | | 1136 | 916 |

INSANITARY PROPERTY PURCHASED DURING 1883.

| | |
|----------------------------------|----|
| Number of houses purchased | 91 |
| Number of houses demolished..... | 67 |

SEWER VENTILATION.

| | |
|--|------------|
| No. of 6-inch Iron Pipe Ventilating Shafts | 990 |
| No. of Street Ventilating Gratings..... | 4,119 |
| Length of old Sewers Ventilated..... | 177 miles. |

NOTE.—All new Sewers are ventilated as constructed.

LODGING-HOUSES.

The Health Committee have, since the passing of the Sanitary Act, 1866, ruled that, as far as possible, all registered lodging-houses should have a day apartment for the accommodation of their lodgers, and that all houses where single rooms were occupied by day and night should be registered as sub-let. The space required for a night lodger in a registered lodging-house is 300 cubical feet, while the space in a sub-let house for each adult is 350 feet.

There were on the register 1,035 lodging-houses at the end of 1882, and 943 at the end of 1883. This difference was occasioned by the removal of 337 old licences, and the addition of 245 new ones. The visits to lodging-houses are both by day and night. The lodging-houses of the better class, and especially those provided with only single beds for each person, and only with the number of beds equivalent to the number of lodgers allowed, are not visited at night except on grave suspicion or on complaint, or in the case of foreign emigrant lodging-houses. The night visits are pretty nearly restricted to the low districts and tramp houses. The number of day visits paid during the year was 41,139, and the night visits 6,447. The number of lodging-houses found overcrowded on the night visits was 27, the number of informations laid for breaches of the bye-laws was 97, with the results of fines in 93 cases to the extent of £29 2s. 6d., in sums varying from 1s. to £5 and costs. The number of lodging-houses found dirty was 215; notices were served to lime-wash and cleanse.

It is necessary frequently to visit houses which are not licensed either as lodging or sub-let houses, especially when emigration is brisk or at race times. There were 2,999 such visits paid during the day, and in 27 of the cases where suspicion was confirmed they were followed up by night visits. A tenant harbouring lodgers is not taken before the Justices for the first offence, but is noticed to apply to have his rooms measured and licensed. There were 136 such notices issued during the year, but in only 12 cases did the tenants refuse to comply; they were brought before the Justices and fined. A bye-law requires that every case of infectious sickness in a lodging-house should be at once reported to the Medical Officer of Health. 45 cases of fever and 1 case of small-pox occurred in lodging-houses; in 42 of the cases the patients were at once sent to hospital, the remaining 4, being members of the keepers' families, were not removed; all of these latter died. In all cases of fever or infectious disease the bedding was at once removed to the disinfecting apparatus, and the rooms purified and cleansed; in the cases where the patients remained, the licenses to receive lodgers were suspended by the Medical Officer. No lodger died from fever or small-pox in a registered lodging-house; but, not including the cases of fever, there were 104 deaths from non-contagious diseases in lodging-houses, of which 64 belonged to the keepers' families and 40 were lodgers.

SUB-LET HOUSES.

The number of sub-let Houses on the Register at the termination of 1882 was 15,268; the number registered during 1883 was 543, making the total on

the Register on the 31st December, 15,816. The number of visits paid during the night was 10,796, and during the day 72,397, with the result of finding 1,195 rooms overcrowded. In addition to overcrowding, the offence (though not punishable in sub-let houses) of permitting males and females not married to occupy the same room comes under the notice and is entered in the books of the Inspectors. There were 660 rooms thus indecently occupied by 1,004 males and 1,171 females, besides having also in these rooms 467 children between the ages of 5 and 13 years. The character of the indecent occupation may be judged of from the following facts:—In 331 instances one man and two women were found in the same bedroom; in 208 instances two men and one woman; in fifty instances two men and two women; in twenty-seven instances one man and four women; in seventeen instances three men and one woman; in four instances two men and three women; in four instances three men and three women; in four instances four men and one woman; in three instances one man and three women; in two instances two men and four women; in two instances four men and two women; in two instances three men and two women; in one instance four men and three women; in one instance four men and four women; in one instance four men and five women; in one instance seven men and one woman; in one instance two men and five women; and in one instance one man and five women.

Informations were laid against 940 chief tenants for permitting overcrowding in rooms, with the following results:—851 fined 1s. and 1s. costs; 3 fined 2s. and 1s. costs; 64 fined 2s. 6d. and 2s. 6d. costs; 7 fined 5s. and 4s. 6d. costs, making a total of fines levied during the year of £104 17s. 6d. Of the remaining 15 cases, 7 informations were withdrawn and 8 acquitted, the tenants having abated the overcrowding.

LICENSES FOR CATTLE.

During the year 1883, 21 applications were made to the Health Committee for licenses to keep cows; 17 of the applications for keeping 183 cows were granted. There are at present 435 shippons licensed to keep 5,715 cows. 66 of the shippons previously licensed have been transferred to fresh tenants.

20 applications were made during the year to keep pigs in styres separate from and unconnected with shippons; 2 of the applications for keeping 4 pigs were granted. The total number of premises or styres now licensed in the City is 83, for keeping 240 pigs.

CONTAGIOUS DISEASES (ANIMALS) ACT, 1878.

This Act and the Orders issued under it by the Privy Council were referred to the Medical Officer to carry out, in conjunction with the Veterinary Inspector, the Inspector of Nuisances, and the Meat Inspectors.

During the year pleuro pneumonia was found in 2 cowsheds, affecting 9 cows, which were slaughtered by order of the owners or of the Corporation; and 6 cows, which were not diseased, but had been either in contact with the affected ones or in the same cowsheds, were slaughtered by order of the owners.

Foot and mouth disease was found in 58 cowsheds, affecting 502 cows; 448 recovered from the disease, and 54 were slaughtered by order of the owners, as also were 95 healthy animals which had either been in contact with the affected ones or in the same cowsheds. The disease appeared in 3 cowsheds twice during the year.

54 cattle were found in the slaughter-houses affected with foot and mouth disease, and 27 pigs were affected with the same disease; 10 of the pigs were detected in Gill Street Market and 17 in the slaughter-houses.

5 cattle were found amongst a number examined at Huskisson Dock Station to be recovering from the disease. These animals were in transit, and were detained until the Veterinary Inspector certified them free from disease.

Pig typhoid was found in one sty, where one pig died from the disease, and another pig which was the only one remaining on the premises, and which was free from the disease, was slaughtered by order of the owner.

Pig typhoid was detected in a pig in one of the slaughter-houses, the diseased animal having been imported from Ireland.

DAIRIES, COWSHEDS, AND MILKSHOPS ORDER.

| | |
|---|-----------|
| Number of applications for registration during the year | 434 |
| Of which transfers were | 225 |
| Number of applications granted | 370 |
| „ „ refused | 64 |
| Number on the register at the end of 1883 | 1604 |
| „ „ „ 1882 | 1577 |
| An increase of | <u>27</u> |

SUMMARY of Veterinary Inspections, under the Contagious Diseases (Animals) Act, for year 1883,
by Richard S. Reynolds, M.R.C.V.S., Veterinary Inspector for the Corporation of Liverpool.

TABLE No. 1.
PLEURO-PNEUMONIA.

| Post-Mortem Examinations of Lungs or Carcases. | Number of Infected Places. | PRIMARY INSPECTIONS. | | Subsequent Examinations of Animals in infected places for Slaughter. | | Animals examined for re-entry into infected places after disinfection. | Inspection of infected places cleansed and disinfected. |
|--|----------------------------------|-----------------------------|------------------------|---|-----------|---|--|
| | | No. of Animals Examined. | No. found Affected. | Healthy. | Diseased. | | |
| 4 | 2 | 14 | 2 | 7 | 7 | 3 | 3 |

TABLE No. 2.
SWINE TYPHOID.

| No. of Pigs examined. | No. of Carcases examined. | Examination of Animals for removal for Slaughter. | Inspection of infected places cleansed and disinfected. |
|-----------------------|------------------------------|--|---|
| | | 0 | 1 |

TABLE No. 3.
FOOT AND MOUTH DISEASE.

| Post-Mortem Examinations. | Number of Infected Places. | Number of Animals in infected places on Outbreak. | | Inspection of Animals in infected places for Slaughter. | | Inspection of Animals after convalescence. | Inspection of infected places cleansed and disinfected. |
|------------------------------|-------------------------------|--|-----------|--|--|--|--|
| | | Healthy. | Diseased. | Healthy Animals removed for Slaughter. | Diseased Animals Killed on Premises. | | |
| Cattle | 2 | 520 | 135 | 95 | 54 | 12 | 61 |
| Swine | — | 1 | — | — | — | — | — |
| Other Animals.... | — | — | — | — | — | — | — |
| Total | 2 | 521 | 135 | 95 | 54 | 12 | 61 |

TABLE No. 4.
GENERAL.

| EXAMINATION OF ANIMALS IN TRANSIT. | | | |
|------------------------------------|-----------|-------------------|-----------|
| FOR EXPORT. | | LANDED COASTWISE. | |
| Healthy. | Diseased. | Healthy. | Diseased. |
| Cattle..... | 1 | 7782 | 5 |
| Sheep..... | — | — | — |
| Swine..... | — | — | — |

N.B.— 392 live animals were inspected and 15 post-mortem examinations made at the Huskisson and Woodside lairages of Cattle imported from Canada and suspected of being affected with “Texan fever.”

PROCEEDINGS UNDER THE CONTAGIOUS DISEASES (ANIMALS) ACT, 1878.

| | | | | | | | |
|---|----|----|----|----|----|----|----------|
| Number of Visits to Railway Stations .. | .. | .. | .. | .. | .. | .. | 1,980 |
| ,, Inspections of pens.. | .. | .. | .. | .. | .. | .. | 57,695 |
| ,, found clean .. | .. | .. | .. | .. | .. | .. | 45,374 |
| ,, ,, dirty and cleansed before being used | .. | .. | .. | .. | .. | .. | 12,321 |
| ,, Inspections of Trucks .. | .. | .. | .. | .. | .. | .. | 23,061 |
| ,, found clean .. | .. | .. | .. | .. | .. | .. | 21,330 |
| ,, ,, dirty and cleansed before being used, with the exception of 1 for which information was laid | .. | .. | .. | .. | .. | .. | 1,731 |
| ,, Inspections of Horse Boxes .. | .. | .. | .. | .. | .. | .. | 2,269 |
| ,, found clean .. | .. | .. | .. | .. | .. | .. | 2,006 |
| ,, ,, dirty and cleansed before being used, with the exception of 2 for which informations were laid | .. | .. | .. | .. | .. | .. | 263 |
| Number of Inspections of Vessels .. | .. | .. | .. | .. | .. | .. | 2,447 |
| ,, found clean .. | .. | .. | .. | .. | .. | .. | 492 |
| ,, ,, dirty and cleansed before being used or going to Sea without cattle or cargo, with the exception of 15 for which informations were laid | .. | .. | .. | .. | .. | .. | 1,955 |
| ,, Inspections of Gangways .. | .. | .. | .. | .. | .. | .. | 3,468 |
| ,, found clean .. | .. | .. | .. | .. | .. | .. | 2,164 |
| ,, ,, dirty and cleansed before being used, with the exception of 8 for which informations were laid | .. | .. | .. | .. | .. | .. | 1,304 |
| Number of Inspections of Lairage and Sale Yards .. | .. | .. | .. | .. | .. | .. | 2,921 |
| ,, found clean .. | .. | .. | .. | .. | .. | .. | 2,352 |
| ,, ,, dirty and cleansed before being used with the exception of 1 for which information was laid | .. | .. | .. | .. | .. | .. | 569 |
| Total Number of Informations .. | .. | .. | .. | .. | .. | .. | 27 |
| ,, ,, Fined .. | .. | .. | .. | .. | .. | .. | 23 |
| Amount of Fines .. | | | | | | | £27 10 0 |

CANAL BOATS ACT, 1877.

Canal Boats Registered up to 31st December, 1883,

358 BOATS.

123 Boats have both cabins registered; 9 are allowed 3 persons in the after cabin and 2 in the fore cabin; 77 are allowed 3 in the after cabin and 3 in the fore cabin; 36 are allowed 4 in the after cabin and 2 in the fore cabin; and 1 is allowed 4 in the after cabin and 3 in the fore cabin. 86 of these boats are occasionally used as "fly" boats, and when so used 1 is allowed 4 persons; 54 are allowed 5 persons each; and 31 are allowed 6 persons each.

28 Boats only used as "fly" boats are allowed 120.

207 Boats have only the after cabins registered; 4 are allowed 3 persons each; 200 allowed 4 persons each; and 3 allowed 5 persons each.

MORTUARIES.

During the year 49 bodies were, by order of the Justices on the certificate of the Medical Officer, removed to the Mortuaries provided by the Council under section 142 of the Public Health Act, 1875.

CASES OF INFECTIOUS DISEASE COMING UNDER THE NOTICE OF THE MEDICAL OFFICER OF HEALTH DURING 1883.

| Year—1883. | Small Pox. | Fever. | Scarlatina. | Measles. | Diphtheria | TOTAL. |
|---------------------------|------------|--------|-------------|----------|------------|--------|
| January | 6 | 381 | 114 | 115 | 7 | 623 |
| February | 5 | 297 | 110 | 109 | 4 | 525 |
| March | 3 | 273 | 125 | 99 | 8 | 508 |
| April | 3 | 208 | 91 | 139 | 8 | 449 |
| May | 8 | 215 | 83 | 275 | 7 | 588 |
| June | 15 | 201 | 111 | 324 | 10 | 661 |
| July | 3 | 245 | 90 | 249 | 3 | 590 |
| August | 8 | 221 | 150 | 159 | 4 | 542 |
| September | 3 | 205 | 122 | 91 | 5 | 426 |
| October | 4 | 233 | 129 | 111 | 5 | 482 |
| November | 14 | 189 | 158 | 202 | 13 | 576 |
| December | 54 | 132 | 139 | 169 | 9 | 503 |
| TOTAL | 126 | 2,800 | 1,422 | 2,042 | 83 | 6,473 |
| Removed to Hospital | 105 | 2,361 | 172 | 67 | 8 | 2,713 |

Of the patients removed to Hospital the following were conveyed by the Sanitary Officers:—901 cases of Fever, 99 cases of Scarlatina, 31 cases of Small Pox, 26 cases of Measles, and 4 cases of Diphtheria, making a total of 1,061 persons. 273 were taken to Netherfield Road Hospital, 613 to the Parish Workhouse Hospital, 54 to Toxteth Workhouse Hospital, and 121 to West Derby Union Hospital. 9 of the Small Pox cases were removed from ships.

In accordance with the arrangements made with the School Board, 3,466 post cards were sent to the Head Masters of the various schools, informing them that children from infected houses attended their schools. Similar information was sent to the School Board.

DISINFECTION OF HOUSES.

In all cases of infectious disease the houses were disinfected, free of cost, with sulphurous gas, by officers appointed by the Health Committee; but whenever there was sickness in any room of the house so as to endanger health by the use of sulphurous gas, carbolic acid powder was freely sprinkled in the rooms and passages of the house until the sulphurous gas could be used safely. No house is considered properly disinfected until sulphurous gas has been used. The existence of sickness, and the consequent employment of carbolic acid powder, necessitate many visits by the persons in charge of disinfection. There were in all 7,790 visits paid during the year to houses for the purpose of disinfection, the number of houses properly disinfected being 3,446.

THE DISINFECTING APPARATUS.

The number of articles disinfected at the Apparatus during the year amounted to 51,700.

| DATE. 1883. | Number of Beds. | Number of Mattresses. | Number of Pieces of Bedding. | Number of Pieces of Wearing Apparel, &c. | Total Number of Articles. |
|------------------|--------------------|--------------------------|------------------------------------|---|---------------------------------|
| Week ending— | | | | | |
| January 6..... | 121 | 144 | 762 | 761 | 1,788 |
| „ 13. | 104 | 162 | 850 | 933 | 2,049 |
| „ 20..... | 121 | 130 | 692 | 1,004 | 1,947 |
| „ 27..... | 106 | 150 | 814 | 726 | 1,796 |
| February 3..... | 75 | 111 | 668 | 1,035 | 1,889 |
| „ 10..... | 74 | 116 | 847 | 887 | 1,924 |
| „ 17..... | 76 | 133 | 741 | 740 | 1,690 |
| „ 24..... | 68 | 124 | 772 | 713 | 1,677 |
| March 3..... | 72 | 111 | 684 | 576 | 1,443 |
| „ 10..... | 79 | 91 | 556 | 588 | 1,314 |
| „ 17..... | 65 | 89 | 477 | 705 | 1,336 |
| „ 24..... | 62 | 89 | 445 | 456 | 1,052 |
| „ 31..... | 56 | 78 | 495 | 489 | 1,118 |
| April 7..... | 69 | 82 | 784 | 393 | 1,328 |
| „ 14..... | 66 | 76 | 405 | 200 | 747 |
| „ 21..... | 47 | 69 | 339 | 48 | 503 |
| „ 28..... | 45 | 51 | 307 | 659 | 1,062 |
| May 5..... | 51 | 67 | 318 | 161 | 597 |
| „ 12..... | 46 | 60 | 233 | 153 | 492 |
| „ 19..... | 37 | 70 | 246 | 1,220 | 1,573 |
| „ 26..... | 58 | 92 | 375 | 263 | 788 |
| June 2..... | 57 | 63 | 330 | 244 | 694 |
| „ 9..... | 69 | 63 | 366 | 119 | 617 |
| „ 16..... | 75 | 65 | 288 | 175 | 603 |
| „ 23..... | 53 | 69 | 286 | 224 | 632 |
| „ 30..... | 54 | 53 | 226 | 185 | 518 |
| July 7..... | 88 | 52 | 379 | 375 | 894 |
| „ 14..... | 56 | 47 | 265 | 89 | 457 |
| „ 21..... | 67 | 75 | 322 | 256 | 720 |
| „ 28..... | 61 | 73 | 318 | 228 | 680 |
| August 4..... | 74 | 59 | 274 | 223 | 630 |
| „ 11..... | 63 | 68 | 488 | 410 | 1,029 |
| „ 18..... | 59 | 69 | 343 | 56 | 527 |
| „ 25..... | 60 | 69 | 335 | 122 | 586 |
| September 1..... | 62 | 90 | 331 | 95 | 578 |
| „ 8..... | 78 | 64 | 487 | 242 | 871 |
| „ 15..... | 77 | 67 | 348 | 211 | 703 |
| „ 22..... | 60 | 73 | 391 | 153 | 677 |
| „ 29..... | 66 | 87 | 447 | 204 | 804 |
| October 6..... | 61 | 76 | 372 | 274 | 783 |
| „ 13..... | 49 | 77 | 367 | 121 | 614 |
| „ 20..... | 69 | 103 | 443 | 302 | 917 |
| „ 27..... | 52 | 81 | 329 | 208 | 670 |
| November 3..... | 62 | 78 | 393 | 182 | 715 |
| „ 10..... | 71 | 133 | 585 | 188 | 977 |
| „ 17..... | 66 | 65 | 430 | 346 | 907 |
| „ 24..... | 67 | 81 | 362 | 131 | 641 |
| December 1..... | 69 | 74 | 421 | 138 | 702 |
| „ 8..... | 67 | 102 | 627 | 648 | 1,444 |
| „ 15..... | 73 | 85 | 500 | 137 | 795 |
| „ 22..... | 86 | 101 | 711 | 449 | 1,347 |
| „ 29..... | 57 | 70 | 475 | 253 | 855 |
| Totals | 3,526 | 4,427 | 24,049 | 19,698 | 51,700 |

The number of articles destroyed at the Apparatus during the year amounted to 1,116.

| DATE. 1883. | Number of Beds. | Number of Mattresses. | Number of Pieces of Bedding. | Number of Pieces of Wearing Apparel, &c. | Total Number of Articles. |
|------------------|--------------------|--------------------------|------------------------------------|---|---------------------------------|
| Week ending— | | | | | |
| January 6..... | 3 | 11 | 9 | .. | 23 |
| „ 13..... | 3 | 13 | 5 | 7 | 28 |
| „ 20..... | 6 | 16 | 23 | 19 | 64 |
| „ 27..... | 4 | 19 | 4 | 5 | 32 |
| February 3..... | 1 | 13 | 8 | 31 | 53 |
| „ 10..... | 3 | 8 | .. | 32 | 43 |
| „ 17..... | 3 | 10 | 5 | 4 | 22 |
| „ 24..... | 1 | 4 | 3 | .. | 8 |
| March 3..... | 2 | 15 | .. | .. | 17 |
| „ 10..... | 2 | 4 | 5 | 3 | 14 |
| „ 17..... | 3 | 3 | 4 | 3 | 13 |
| „ 24..... | 1 | 7 | .. | .. | 8 |
| „ 31..... | 2 | 1 | 2 | .. | 5 |
| April 7..... | .. | .. | .. | .. | .. |
| „ 14..... | 4 | 7 | .. | .. | 11 |
| „ 21..... | .. | 2 | .. | .. | 2 |
| „ 28..... | .. | .. | .. | .. | .. |
| May 5..... | 3 | 8 | 9 | .. | 20 |
| „ 12..... | 4 | 4 | 6 | .. | 14 |
| „ 19..... | 1 | 2 | 4 | .. | 7 |
| „ 26..... | 2 | 8 | 4 | 1 | 15 |
| June 2..... | .. | 8 | 1 | 4 | 13 |
| „ 9..... | 2 | 4 | 1 | .. | 7 |
| „ 16..... | 5 | 10 | 6 | .. | 21 |
| „ 23..... | 2 | 9 | 6 | 1 | 18 |
| „ 30..... | 1 | 13 | 1 | 2 | 17 |
| July 7..... | 11 | 2 | 9 | 1 | 23 |
| „ 14..... | 4 | .. | 6 | 5 | 15 |
| „ 21..... | 5 | 4 | 6 | 16 | 31 |
| „ 28..... | 8 | 12 | 14 | 12 | 46 |
| August 4..... | 15 | 31 | 20 | 15 | 81 |
| „ 11..... | 3 | 6 | 4 | 1 | 14 |
| „ 18..... | 3 | 9 | 8 | 4 | 24 |
| „ 25..... | 1 | 8 | 2 | 18 | 29 |
| September 1..... | 2 | 10 | 1 | 10 | 23 |
| „ 8..... | 7 | 11 | 12 | 9 | 39 |
| „ 15..... | 3 | 8 | 4 | 8 | 23 |
| „ 22..... | 3 | 9 | 6 | 5 | 23 |
| „ 29..... | 6 | 10 | 8 | 6 | 30 |
| October 6..... | 4 | 6 | 3 | 4 | 17 |
| „ 13..... | 2 | 8 | 4 | 8 | 22 |
| „ 20..... | 1 | 14 | .. | .. | 15 |
| „ 27..... | 1 | 6 | 5 | .. | 12 |
| November 3..... | 4 | 9 | 3 | .. | 16 |
| „ 10..... | 3 | 8 | 9 | .. | 20 |
| „ 17..... | 2 | 6 | 2 | 1 | 11 |
| „ 24..... | 6 | 16 | 18 | 9 | 49 |
| December 1..... | 8 | 11 | 2 | .. | 21 |
| „ 8..... | 5 | 8 | 6 | .. | 19 |
| „ 15..... | 1 | 6 | 2 | 8 | 17 |
| „ 22..... | 4 | .. | .. | 3 | 7 |
| „ 29..... | 2 | 2 | 1 | 9 | 14 |
| Totals | 172 | 419 | 261 | 264 | 1,116 |

INSPECTOR OF NUISANCES' REPORT FOR THE YEAR 1883.
SLAUGHTER-HOUSE RETURNS OF CATTLE KILLED IN
THE CITY, 1883.

| STREET. | | Beasts. | Sheep. | Lambs. | Calves. | Pigs. | Dead Meat imported for Sale at the Abattoir. | | | |
|---|--------------------------|---------|--------|--------|---------|-------|---|--------|-------|---------|
| | | | | | | | Beasts. | Sheep. | Pigs. | Calves. |
| Abattoir..... | | 18459 | 146608 | .. | 11688 | 22597 | 16910 | 66417 | .. | 10 |
| Foreign Animals' Wharf— Huskisson Dock | | 6421 | 2004 | .. | .. | .. | .. | .. | .. | .. |
| Canada Dock..... | | | | | | | | | | |
| NEW PARTS. | Byles Street | 46 | 1603 | 338 | .. | .. | .. | .. | .. | .. |
| | Browside | 405 | 493 | 20 | 9 | .. | .. | .. | .. | .. |
| | Back Butler Street..... | 189 | 416 | 129 | 7 | .. | .. | .. | .. | .. |
| | Back Castle Street | 620 | 1252 | 112 | .. | .. | .. | .. | .. | .. |
| | Back Mount Vernon Green | 590 | 4558 | 1057 | 54 | .. | .. | .. | .. | .. |
| | Cotter Street..... | .. | .. | .. | .. | 2329 | .. | .. | .. | .. |
| | Corlett Street | 217 | 1598 | 353 | 97 | 39 | .. | .. | .. | .. |
| | Crown Street. | 320 | 1482 | 502 | 7 | 8 | .. | .. | .. | .. |
| | Darnley Street | .. | .. | .. | .. | 1679 | .. | .. | .. | .. |
| | Edgeware Street | 35 | 307 | 9 | .. | .. | .. | .. | .. | .. |
| | Embleton Street | 352 | 2137 | 470 | 82 | 48 | .. | .. | .. | .. |
| | Foley Street | 66 | 94 | 72 | 17 | 936 | .. | .. | .. | .. |
| | Gelling Street | 336 | 100 | 612 | 75 | .. | .. | .. | .. | .. |
| | Parliament Street..... | 194 | 1410 | 237 | 69 | .. | .. | .. | .. | .. |
| Peel Street..... | 137 | 1349 | 390 | 9 | 8 | .. | .. | .. | .. | |
| OLD PARTS. | Bevington Hill | 1540 | 583 | .. | 669 | .. | .. | .. | .. | .. |
| | Benledi Street | 165 | 3 | 4 | .. | 258 | .. | .. | .. | .. |
| | Byrom Street..... | .. | .. | .. | 5 | 522 | .. | .. | .. | .. |
| | Bolton Street..... | 848 | 3899 | 617 | 21 | .. | .. | .. | .. | .. |
| | Back Commutation Row (1) | 233 | 1809 | 238 | 2 | 59 | .. | .. | .. | .. |
| | „ „ (2) | 710 | 2742 | 104 | 1 | .. | .. | .. | .. | .. |
| | Copperas Hill..... | .. | .. | .. | .. | 12568 | .. | .. | .. | .. |
| | Finch Place | 358 | 990 | 291 | 4 | .. | .. | .. | .. | .. |
| | Frederick Street | 133 | 728 | 159 | 8 | 112 | .. | .. | .. | .. |
| | Hodson Street | 18 | 351 | 67 | .. | .. | .. | .. | .. | .. |
| | Leeds Street | 472 | 272 | .. | 60 | .. | .. | .. | .. | .. |
| | Lydia Ann Street..... | 230 | 2795 | 378 | .. | 3579 | .. | .. | .. | .. |
| | Norman Street | .. | .. | .. | .. | 3939 | .. | .. | .. | .. |
| | Norfolk Street | 85 | 1715 | 629 | .. | .. | .. | .. | .. | .. |
| | St. James Street | .. | 113 | 17 | .. | .. | .. | .. | .. | .. |
| | Scotland Road | 30 | 275 | .. | 336 | .. | .. | .. | .. | .. |
| | Soho Street | .. | .. | .. | .. | 2056 | .. | .. | .. | .. |
| | Upper Milk Street | 304 | 141 | .. | .. | 21258 | .. | .. | .. | .. |
| Total in Private Slaughter- | | 8633 | 33215 | 6805 | 1532 | 49398 | .. | .. | .. | .. |
| houses | | | | | | | | | | |
| Total in the City | | 33513 | 181827 | 6805 | 13220 | 71995 | 16910 | 66417 | .. | 10 |

UNWHOLESOME MEAT, FISH, &c., SEIZED AND DESTROYED.

| DATE.—1883. | | Beef. | Veal. | Mutton. | Lamb. | Pork. | Poultry | Rabbits | Fish. | Shell-fish. | Oysters. |
|---------------------|---------------------------|--------|-------|---------|-------|-------|---------|---------|--------|-------------|----------|
| | | Lbs. | Lbs. | Lbs. | Lbs. | Lbs. | Head | Head | Lbs. | Bags. | Thous. |
| SLAUGHTER HOUSES. | Abattoir..... | 74026 | 7798 | 18970 | .. | 6833 | .. | .. | .. | .. | .. |
| | Bevington Hill | 14683 | 1645 | 1544 | .. | 120 | .. | .. | .. | .. | .. |
| | Bolton Street..... | .. | 327 | .. | .. | .. | .. | .. | .. | .. | .. |
| | Bk. Commutation Row .. | .. | .. | 142 | .. | .. | .. | .. | .. | .. | .. |
| | Benledi Street | 210 | .. | .. | .. | 260 | .. | .. | .. | .. | .. |
| | Cross Street | .. | .. | .. | .. | 2499 | .. | .. | .. | .. | .. |
| | Crown Street..... | 460 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Cotter Street | .. | .. | .. | .. | 440 | .. | .. | .. | .. | .. |
| | Finch Place | 425 | 74 | 228 | .. | .. | .. | .. | .. | .. | .. |
| | Foley Street | .. | 77 | .. | .. | .. | .. | .. | .. | .. | .. |
| | Gelling Street | 3120 | 382 | .. | .. | .. | .. | .. | .. | .. | .. |
| | Lydia Ann Street..... | .. | .. | 76 | .. | .. | .. | .. | .. | .. | .. |
| | Leeds Street | 1384 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Norman Street | .. | .. | .. | .. | 215 | .. | .. | .. | .. | .. |
| | Parliament Street.... | 360 | 193 | .. | .. | .. | .. | .. | 15 | .. | .. |
| | Scotland Road | 1390 | 859 | 80 | .. | .. | .. | .. | 224 | .. | .. |
| MARKETS. | Soho Street | .. | .. | .. | .. | 635 | .. | .. | .. | .. | .. |
| | Upper Milk Street .. | 1710 | .. | 246 | .. | 290 | .. | .. | .. | .. | .. |
| | | | | | | | | | | | |
| MARKETS. | St. John's | 380 | .. | 174 | .. | .. | 104 | 74 | 105387 | 389 | 14000 |
| | St. James' | 362 | .. | 12 | .. | 40 | .. | .. | .. | .. | .. |
| | St. Martin's | 192 | .. | .. | .. | 40 | 1 | .. | .. | .. | .. |
| OTHER PARTS. | Breck Road | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Barlow Street | 200 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Canada Dock..... | 120 | .. | 1300 | .. | .. | .. | .. | .. | .. | .. |
| | Christian Street | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. |
| | Great Charlotte Street .. | .. | .. | .. | .. | .. | .. | .. | 11759 | .. | .. |
| | Great George Place .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. |
| | Great Homer Street.. | 26 | .. | .. | .. | .. | .. | .. | 40 | .. | .. |
| | Gill Street | .. | .. | .. | .. | 84 | .. | .. | .. | .. | .. |
| | Huskisson Dock | 2000 | .. | 490 | .. | .. | .. | .. | .. | .. | .. |
| | Hill Street..... | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Juvenal Street | .. | .. | .. | .. | 120 | .. | .. | .. | .. | .. |
| | Lime Street Station.. | .. | .. | .. | .. | .. | .. | .. | 739 | .. | .. |
| | Mill Street..... | 114 | .. | .. | .. | .. | .. | .. | 88 | .. | .. |
| | North Hill Street.... | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. |
| | Park Road | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. |
| Carried forward.... | | 101174 | 11355 | 23262 | .. | 11592 | 105 | 74 | 118327 | 389 | 14000 |

UNWHOLESOME MEAT, FISH, &c., SEIZED AND DESTROYED.
Continued.

| DATE.—1883. | Beef. | Veal. | Mutton | Lamb. | Pork. | Poultry | Rabbits | Fish. | Shell- fish. | Oysters. |
|--------------------|-----------------------|-------|--------|-------|-------|---------|---------|--------|-----------------|----------|
| | Lbs. | Lbs. | Lbs. | Lbs. | Lbs. | Head | Head | Lbs. | Bags. | Thous. |
| Brought forward .. | 101174 | 11355 | 23262 | .. | 11592 | 105 | 74 | 118327 | 389 | 14000 |
| OTHER PARTS. | Pitt Street..... | .. | .. | .. | .. | .. | .. | 9 | .. | .. |
| | Rose Street | .. | .. | .. | .. | .. | .. | 5120 | 14 | .. |
| | Roe Street | 380 | .. | .. | .. | .. | .. | .. | .. | .. |
| | Richmond Row..... | .. | .. | .. | .. | .. | .. | 20 | .. | .. |
| | Sawney Pope Street.. | .. | .. | .. | .. | .. | .. | 121 | .. | .. |
| | St. James Street | .. | .. | .. | 22 | .. | .. | 34 | .. | .. |
| | Stanhope Street | .. | .. | .. | .. | .. | .. | 7 | .. | .. |
| | Warwick Street | .. | .. | .. | .. | .. | .. | 112 | .. | .. |
| | William Henry Street. | .. | .. | .. | 60 | .. | .. | .. | .. | .. |
| Total | 101554 | 11355 | 23262 | .. | 11674 | 105 | 74 | 123750 | 403 | 14000 |

| | | | | |
|--------------------|-------|-------|------|------|
| | Tons. | cwts. | qrs. | lbs. |
| Meat—Equal to..... | 66 | 0 | 0 | 5 |
| Fish ,, | 55 | 4 | 3 | 18 |

| | |
|---|----------|
| Number of Visits to Slaughterhouses made by Meat Inspectors | 15,963 |
| „ Informations for Exposing for Sale Diseased Meat and Fish.. .. . | 43 |
| „ Fined | 35 |
| „ Sent to Gaol | 7 |
| <hr/> | |
| Amount of Fines | £72 13 0 |

NUISANCES.

| | |
|--|----------|
| Nuisances inspected, complained of by Inhabitants.. .. . | 2,785 |
| „ Reported by District Officers | 77,787 |
| „ Notices issued | 44,533 |
| „ Referred to the Medical Officer | 10,964 |
| „ „ City Engineer | 4,213 |
| „ „ Building Surveyor | 1,257 |
| „ „ Water Engineer | 9,033 |
| „ „ Superintendent of Scavengers | 5,027 |
| Number of Nuisance Informations | 3,021 |
| „ Fined | 684 |
| „ Magistrates' Orders to abate.. .. . | 1,113 |
| „ Withdrawn and Acquitted, the work being done.. .. . | 1,224 |
| <hr/> | |
| Amount of Fines | £245 6 0 |

HOUSE TO HOUSE VISITATION.

| | |
|---|---------|
| Number of inspections of Street Houses | 94,549 |
| „ Street Houses found Clean | 90,701 |
| „ „ „ Dirty | 3,848 |
| „ Apartments in Street Houses Examined. | 325,775 |
| „ inspections of Court Houses | 29,727 |
| „ Court Houses found Clean.. .. . | 26,720 |
| „ „ „ Dirty.. .. . | 3,007 |
| „ Apartments in Court Houses Examined.. .. . | 88,293 |
| „ Re-inspections of Dirty Houses | 19,218 |
| Total Number of Houses Examined | 143,494 |

CELLAR EXAMINATIONS.

| | | | | | | | |
|---|----|----|----|----|----|----|---------|
| Number of Inspections of Street Cellars | .. | .. | .. | .. | .. | .. | 29,258 |
| „ „ found Empty | .. | .. | .. | .. | .. | .. | 11,470 |
| „ „ Illegally Occupied | .. | .. | .. | .. | .. | .. | 537 |
| „ „ Legally | .. | .. | .. | .. | .. | .. | 17,251 |
| „ of Inspections of Court Cellars | .. | .. | .. | .. | .. | .. | 10,083 |
| „ „ found Empty | .. | .. | .. | .. | .. | .. | 6,927 |
| „ „ „ Illegally Occupied | .. | .. | .. | .. | .. | .. | 131 |
| „ „ „ Legally | .. | .. | .. | .. | .. | .. | 3,025 |
| „ Cellar Notices Issued | .. | .. | .. | .. | .. | .. | 644 |
| „ „ Informations | .. | .. | .. | .. | .. | .. | 266 |
| „ Fined | .. | .. | .. | .. | .. | .. | 256 |
| „ Withdrawn | .. | .. | .. | .. | .. | .. | 10 |
| | | | | | | | <hr/> |
| Amount of Fines | .. | .. | .. | .. | .. | .. | £27 6 0 |

INFECTED AND DIRTY HOUSES.

| | | | | | | |
|--|----|----|----|----|----|--------------|
| 1,883 Infected Street Houses Inspected, containing | .. | .. | .. | .. | .. | 2,666 cases. |
| 829 „ Court | „ | „ | „ | .. | .. | 1,035 „ |
| 98 „ Cellars | „ | „ | „ | .. | .. | 112 „ |
| Number of Notices to Owners to Cleanse Infected Houses | .. | .. | .. | .. | .. | 1,958 |
| „ „ Occupiers to Whitewash Dirty Houses | .. | .. | .. | .. | .. | 6,111 |
| „ „ Owners to Whitewash Exterior of Courts | .. | .. | .. | .. | .. | 2,709 |
| „ Renewed Notices to Whitewash | .. | .. | .. | .. | .. | 3,808 |
| „ Informations against Infected and Dirty Houses | .. | .. | .. | .. | .. | 1,012 |
| „ Fined | .. | .. | .. | .. | .. | 222 |
| „ Acquitted and Withdrawn | .. | .. | .. | .. | .. | 790 |
| | | | | | | <hr/> |
| Amount of Fines | .. | .. | .. | .. | .. | £79 5 0 |

SHIPPON AND PIGGERY INSPECTION.

| | | | | | | |
|---|----|----|----|----|----|---------|
| Number of Inspections of Shippons and Piggeries | .. | .. | .. | .. | .. | 1,057 |
| „ Informations | .. | .. | .. | .. | .. | 17 |
| „ Fined | .. | .. | .. | .. | .. | 13 |
| | | | | | | <hr/> |
| Amount of Fines | .. | .. | .. | .. | .. | £5 16 0 |

COURT AND PRIVY EXAMINATIONS.

| | |
|---|---------|
| Number of Visits to Courts and Alleys | 125,091 |
| ,, Closets found Dirty, but Cleansed during Officer's Inspection .. | 39,517 |
| ,, Informations | 17 |
| ,, Fined | 13 |
| Amount of Fines | £2 3 6 |

PROCEEDINGS FOR EXCESSIVE SMOKE.

| | |
|---|----------|
| Number of Informations against Manufactories .. . | 361 |
| ,, ,, Steamers .. . | 194 |
| ,, Fined .. . | 540 |
| ,, Acquitted or Withdrawn .. . | 15 |
| Amount of Fines .. . | £614 9 6 |

PROCEEDINGS UNDER THE ADULTERATION ACT.

| No. of Samples. | Description of Samples. | Results of Analysis. |
|-----------------|-------------------------|--|
| 259 | Milk | 49 were adulterated and informations laid. |
| 10 | Butter | 6 ,, ,, ,, |
| 8 | Spirits | 2 ,, ,, ,, |
| 5 | Mustard | 2 ,, ,, ,, |
| 3 | Preserved Peas .. | 2 ,, ,, ,, |
| 4 | Arrowroot | Not adulterated. |
| 3 | Lard | ,, ,, |
| 3 | Preserves | ,, ,, |
| 3 | Cocoa | ,, ,, |
| 2 | Ale | ,, ,, |
| 2 | Pepper | ,, ,, |
| 2 | Tea | ,, ,, |
| 2 | Coffee | ,, ,, |
| 1 | Sugar | ,, ,, |
| 1 | Cream | ,, ,, |
| 308 | | |

The number of prosecutions was 61, the result being that three cases were dismissed with a caution or withdrawn, and in 58 cases penalties were inflicted varying from 10s. to £3 and costs, amounting in all to £96 17s. 5d. Three informations were laid for refusing to sell samples of milk, two were fined 20s. and costs and one acquitted. Three samples of milk were found to be adulterated, but the certificates were received too late for informations to be laid, Dr. Brown being engaged in the Dynamite enquiry.

WATER CLOSET CONVERSIONS.

| | |
|---|---------|
| Number of Notices | 1,044 |
| ,, Certified | 2,317 |
| ,, Constructed | 2,170 |
| ,, Demolished | 31 |
| ,, under Notices not expired, and Empty Houses | 471 |
| ,, granted extension of time by Health Committee and Magistrates .. | 65 |
| ,, of Informations | 88 |
| ,, Fined | 8 |
| ,, withdrawn, work being done | 80 |
| Amount of Fines | £8 11 6 |

SMOTHERED CATTLE.

| Beasts. | Sheep. | Pigs. | Number found good. | Number found bad. | Weight of Bad in pounds. |
|---------|--------|-------|-----------------------|----------------------|-----------------------------|
| 85 | 101 | 47 | 119 | 114 | 20,864 |

REMOVALS TO MORTUARIES AND HOSPITALS.

| Bodies Removed to Mortuaries. | | | | Persons Removed to Hospitals. | | | | |
|-------------------------------|---------------|----------|------------|-------------------------------|------------|------------------|--------------------------|----------------------|
| Smithdown Road. | St. Martin's. | Anfield. | Mill Road. | Brownlow Hill. | Mill Road. | Toxteth Park. | Children's Infirmary. | Nether- field Rd. |
| .. | 49 | .. | .. | 613 | 121 | 54 | .. | 273 |

KNACKERS' YARDS RETURNS.

| Horses Destroyed. | Asses Destroyed. | Other Animals Destroyed. |
|-------------------|------------------|-----------------------------|
| 2,227 | 40 | 26 |

SCAVENGING OPERATIONS.

This work has been most effectually carried out under the directions of Mr. Richard S. Reynolds, M.R.C.V.S., the Veterinary Superintendent.

The Hopper Barge, for carrying out to sea the unsaleable refuse, has been so successful that a new one has been ordered to ply from the North End of the City, and will be ready next year.

The following tables illustrate the magnitude and importance of the work done by the Scavenging Department.

Year 1883.

TABLE No. 1.

NIGHT SERVICE FOR EMPTYING MIDDENS, COURT ASHPITS, AND SOME OFFICE ASHPITS.

| Notices Received. | Middens, &c., Emptied. | Loads of Nightsoil and Ashes. | | | | | | | Nightly average Working Staff. | | | | Analysis of Work. | | Average contents of each Midden. Cart Loads. |
|----------------------|------------------------------|-------------------------------|--------|--------|---------------------|------------|-------------------|------------------------------|--------------------------------|---------------|--------|---------|--------------------------------|---------------------------------|---|
| | | Number Removed. | | | Where Deposited. | | | | Midden Men. | Wharf Men. | Carts. | Horses. | Loads per Man per Night. | Loads per Cart per Night. | |
| | | Manure. | Ashes. | Total. | Phillips Street. | Sandhills. | South Wharves. | Waver- tree and Inland | | | | | | | |
| | | | | | | | | | | | | | | | |
| 4,442 | 24,888 | 15,137 | 14,418 | 29,555 | 18,612 | 7,128 | 2,906 | 909 | 28·47 | 6·1 | 22·25 | 22·25 | 3·33 | 4·27 | 1·18 |

TABLE No. 2.
SERVICE FOR THE COLLECTION AND REMOVAL OF DRY ASHPIT ASHES.

| Notices Received. | Ashpits Emptied. | Loads of Dry Ashes. | | | | Average Daily Working Staff. | | | Analysis of Work. | | Average contents of each Ashpit. Cart Loads. | |
|----------------------|---------------------|---------------------|---------------------|------------|-------------------|------------------------------|----------------------|---------|------------------------------|-------------------------------|---|----------------------|
| | | Number Removed. | Where Deposited . | | | Ashpit Men. | Carts and Wagons. | Horses. | Loads per Man per Day. | Loads per Cart per Day. | | |
| | | | Phillips Street. | Sandhills. | South Wharves. | | | | | | | Rubbish Tips, &c. |
| 8,197 | 194,863 | 70,322 | 17,555 | 3,275 | 18,760 | 30,732 | 70.55 | 50.3 | 52.5 | 3.2 | 4.4 | .36 |

TABLE No. 3.
SERVICE FOR THE COLLECTION AND REMOVAL OF BELL
CART ASHES.

TABLE No. 4.
SERVICE FOR FLUSHING AND CLEANSING TROUGH WATER
CLOSETS.

| Loads Removed | Where Deposited. | | | | Carts Employed. |
|---------------|------------------|------------|--------------|--------------|-----------------|
| | Phillips St. | Sandhills. | River Craft. | Rubbish Tips | |
| 16,049 | 9,410 | 1,560 | 4,749 | 330 | 13·45 |

| Number of Urinals. | Number of Trough Water Closets. | Average Working Staff. | |
|--------------------|---------------------------------|------------------------|-------------|
| | | Trough W. C. Men. | Urinal Men. |
| 226—543 Stalls. | 3,510 | 50·5 | 11· |

TABLE No. 5.
SERVICE FOR CLEANSING, COLLECTION, AND REMOVAL OF REFUSE FROM STREETS, COURTS, PASSAGES, &c.

| Loads of Street Sweepings Removed. | | | | | | Average Daily Staff. | | | | Average Number of Loads Removed Daily per Cart. |
|------------------------------------|------------------|------------|------------|----------------|---------------------------------|----------------------|--------------------|--------|---------|---|
| Total Number Removed. | Where Deposited. | | | | | Scavengers. | Sweeping Machines. | Carts. | Horses. | |
| | Phillips Street. | Sandhills. | Wavertree. | South Wharves. | Refuse on Tips and New Macadam. | | | | | |
| 87,985 | 46,566 | 11,866 | 3,413 | 19,218 | 6,921 | 319· | 15· | 64·2 | 80·49 | 4·39 |

TABLE No. 6.

CLEANSING AND REMOVAL OF REFUSE FROM STREETS, COURTS, AND PASSAGES ON SUNDAYS.

| Loads of Street Sweepings. | | | | | | | | | | | | | |
|----------------------------|--------|---------|--------|------------------|---------|------------|---------|-------------------|---------|----------------------|-------|---------|-----|
| Removed. | | | | Where Deposited. | | | | | | Average Daily Staff. | | | |
| Manure. | Ashes. | Refuse. | Total. | Phillips Street. | | Sandhills. | | River Craft Dock. | | | | | |
| | | | | Manure. | Refuse. | Manure. | Refuse. | Manure. | Refuse. | | | | |
| 1,984 | 2 | 2,267 | 4,253 | 1,484 | 982 | 373 | 584 | 127 | 703 | Men. | 135·4 | Horses. | 31· |

TABLE No. 7.

SERVICE FOR STREET WATERING.

| Number of Days on which Carts were out. | Total Number of Loads Distributed. | | Average Daily Staff employed during the Season. | | Average Number of Loads Distributed Daily per Cart. Large. |
|---|---------------------------------------|--------|--|-------------------|---|
| | Large. | Small. | Watermen. | Carts and Horses. | |
| 148 | 206,140 | 8,874 | 20·2 | 36·7 | 37·8 |

TABLE No. 8.
DESPATCHES OF MANURE AND REFUSE.

| | Saleable Manure. | | | | Unsaleable Refuse. | | | | | Grand Total. | Average Daily Staff. | |
|---------------------|------------------|------------|----------|--------|--------------------|----------|---------|--------|---------|--------------|-------------------------|------------|
| | Night Soil. | Sweepings. | Mixture. | Total. | Contractors. | Farmers. | Depôts. | Sea. | Total. | | Inspectors and Foremen. | Labourers. |
| Phillips Street.... | 13,248 | 15,576 | 7,584 | 36,408 | 65,616 | 1,632 | 16,464 | .. | 83,712 | 120,120 | 1 | 17.8 |
| Sandhills | .. | .. | .. | .. | 17,712 | 432 | 336 | .. | 18,480 | 18,480 | | |
| Do. by Rail.. | 4,336 | 7,876 | 47 | 12,259 | .. | 314 | .. | .. | 314 | 12,573 | | |
| Wavertree | 824 | 3,488 | .. | 4,312 | .. | 112 | .. | .. | 112 | 4,424 | .. | 1.3 |
| River Craft Dock.. | 80 | 345 | 7,808 | 8,233 | .. | 2,664 | .. | .. | 2,664 | 10,897 | 1 | 4.7 |
| Do. by Hopper.. | .. | .. | .. | .. | .. | .. | .. | 63,590 | 63,590 | 63,590 | .. | 32.3 |
| | 18,488 | 27,285 | 15,439 | 61,212 | 83,328 | 5,154 | 16,800 | 63,590 | 168,872 | 230,084 | 2 | 56.1 |

TABLE No. 9.
HORSES.—DAILY AVERAGE NUMBER.

| Hired. | Corporation Horses. | | | | Supplied for various Works. | | | | | | | | | | | | | | | | | | | | |
|---------|---------------------|---------------------|-----------------------------|-----------------------|-----------------------------|------|-------|-------|-----|----|------|-----|-----|----|----------------|-----|---------|-------------------|------------------|-------------------------------|---------------------|--|----------------------|------------------------|--------------|
| Number. | Number. | Effective for Work. | Percentage of Ineffectives. | At Work every Sunday. | Scavenging. | | | | | | | | | | City Engineer. | | | | | | | | Horsing Police Vans. | Disinfecting Vans, &c. | Sefton Park. |
| 92.8 | 271.6 | 263.5 | 2.38 | 58 | 22.25 | 52.5 | 13.45 | 80.49 | 3.3 | 1. | 17.5 | 1.8 | .32 | .8 | 1.1 | 1.2 | Paving. | Sewers Cleansing. | Brownlow Street. | Watering before Steam Roller. | Lighting Committee. | | | | |

| New Horses. | | | Number Disposed of. | | |
|-------------|-------|--|---------------------|------------|-------|
| Purchased. | Bred. | | Died. | Destroyed. | Sold. |
| 47 | 1 | | 14 | 2 | 25 |

TABLE No. 10.
AVERAGE DAILY STAFF OF MEN EMPLOYED.

| General. | Night Service. | | | | Day Service. | | | | | | | | | | | | | | Stables, Yards, and Stores. | | | | Workshops. | | | | Wharves, Depôts, &c. | | | | | | | | | | Grand Total | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------------|-------------------------|--------|-------------|--------------|------------|-------------|------------|--------|------------------------|------------------------|-----------|-------------|-----------|-----------------|--------------|------------|--------------------|-----------------------------|----------|-----------|--------------------|---------------|--------|---------------|-----------------|--|--------|--------------|-----------------|---------------------------|-----------|--------|----------|------------|------------------|-------------|----------|------------|------------|----------|------------|-------------------|----------|---------------------------------|------------|----------|------------------------------|------------|--------|----|---|---|----|---|----|---|----|---|----|---|-----|---|
| | Inspectors. | Timekeeper, Checker, &c | Clerks | Office Boys | Total. | Inspectors | Midden Men. | Wharf Men. | Total. | Inspectors and Foremen | District Storekeepers. | Watermen. | Barrow Men. | Sweepers. | Cart Followers. | Passage Men. | Gully Men. | Trough Closet Men. | Urinal Men. | Ash Men. | Boat Men. | Crew Hopper Barge. | Orderly Boys. | Total. | Horsekeepers. | Night Watchmen. | Carters, Yardmen, Stablemen, and Storekeepers. | Total. | Cartwrights. | Shoeing Smiths. | Blacksmiths and Strikers. | Painters. | Total. | Foreman. | Labourers. | Phillips Street. | | Foreman. | Labourers. | Sandhills. | Foreman. | Labourers. | River Craft Dock. | Foreman. | Closey Lane, Mintree, and Ford. | Labourers. | Foreman. | Various Town Deposit Places. | Labourers. | Total. | | | | | | | | | | | | | |
| 2 | 3 | 4 | 2 | 11 | 4 | 28 | 26 | 1 | 38 | 3 | 20 | 9 | 11 | 3 | 80 | 6 | 99 | 4 | 64 | 5 | 28 | 34 | 50 | 5 | 11 | 70 | 4 | 4 | 6 | 8 | 1 | 12 | 5 | 503 | 9 | 4 | 4 | 247 | 3 | 255 | 3 | 10 | 26 | 11 | 2 | 3 | 9 | 31 | 3 | 1 | 17 | 8 | 1 | 37 | 1 | 29 | 6 | 10 | 1 | 97 | 5 | 937 | 3 |

TABLE No. 11.

Daily Consumption of Provender and Weekly Cost per Horse per Week.
Food and Litter.

| Days Keep. | Total Consumption of Food. | | Daily Average Consump- tion per Horse. | Weekly Cost of each Horse's Keep. |
|--|----------------------------|-----------------|--|--|
| 99,233 Horses of Health Committee. | Corn | 10,541 centals. | Lbs. 10·52 | Gross weekly cost 14s. 7½d. Credit value of Manure 1s. 5d. <u>13s. 2¼d.</u> |
| | Beans and Peas .. | 5,739 „ | 5·73 | |
| | Oats | 409 „ | ·41 | |
| | Bran | 2,530 „ | 2·50 | |
| | Meal | 598 „ | ·60 | |
| 921 Livery, &c. | Roots | 308¼ cwt. | ·34 | |
| <u>100,154</u> | Grass..... | 1,516 „ | 1·69 | |
| | Hay | 10,930½ „ | 12·22 | |
| | Straw | 6,083 „ | 6·80 | |
| | Moss | 636 „ | ·74 | |
| | Sawdust | 2,282 sacks. | ·22 | |

(A) TABLE

DURING THE 52 WEEKS OF THE YEAR 1883, IN THE URBAN SANITARY DISTRICT
ALSO THE POPULATION OF SUCH LOCALITIES

| (I.) NAMES OF LOCALITIES adopted for the purpose of these Statistics; public institutions being shown as separate localities. WARDS. 1. | POPULATION AT ALL AGES. | | Registered Births. 4. | MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES. | | | | | | |
|---|-------------------------|--|------------------------------|---|-------------------------|--------------------------|---------------------------|----------------------------|-----------------------------|----------------------------|
| | Census 1881. 2. | Estimated to middle of 1883. 3. | | At all Ages. 5. | Under 1 Year. 6. | 1 and under 5. 7. | 5 and under 15. 8. | 15 and under 25. 9. | 25 and under 60. 10. | 60 and upwards. 11. |
| Scotland | 70606 | 68679 | 2451 | 1924 | 568 | 524 | 106 | 66 | 467 | 19 |
| Vauxhall | 15382 | 14558 | 505 | 423 | 101 | 117 | 23 | 12 | 125 | |
| St. Paul's and Exchange | 19937 | 19020 | 535 | 451 | 102 | 90 | 13 | 19 | 155 | |
| St. Anne's and Lime Street | 36688 | 35689 | 987 | 849 | 252 | 185 | 40 | 29 | 244 | |
| Castle Street and St. Peter's | 6644 | 6326 | 118 | 121 | 33 | 14 | 6 | 8 | 43 | |
| Pitt Street and Great George | 18910 | 17911 | 540 | 418 | 102 | 88 | 21 | 27 | 111 | |
| Rodney Street and Abercromby | 41997 | 40906 | 1135 | 682 | 143 | 95 | 35 | 33 | 190 | 11 |
| Everton | 109812 | 113487 | 4082 | 2457 | 709 | 602 | 163 | 81 | 586 | 33 |
| Kirkdale | 58145 | 65435 | 2496 | 1325 | 418 | 308 | 85 | 55 | 311 | 1 |
| West Derby | 67727 | 71606 | 2773 | 1353 | 396 | 272 | 74 | 58 | 359 | 1 |
| The Toxteths | 106660 | 113136 | 4285 | 2421 | 703 | 572 | 122 | 84 | 565 | 3 |
| (II.) Public Institutions. { Parish Workhouse & Hospitals.. | .. | .. | .. | 2000 | 148 | 142 | 91 | 177 | 1044 | 3 |
| { Out Township Workhouse and Hospitals | .. | .. | .. | 650 | 11 | 36 | 48 | 73 | 412 | |
| Totals | 552508 | 566753 | 19907 | 15074 | 3686 | 3045 | 827 | 722 | 4612 | 22 |

| | | | | | | | |
|--|----|----|---|----|----|----|--|
| Deaths occurring outside the division or district among persons belonging thereto | 99 | .. | 4 | 11 | 14 | 64 | |
| Deaths occurring within the division or district among persons not belonging thereto | 24 | .. | 2 | 2 | 5 | 15 | |

MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.

[illegible]

(B) TABLE OF NEW CASES OF SICKNESS,

Coming to the knowledge of the Medical Officer of Health during the year 1883,

in the Urban Sanitary District of Liverpool, classified according to

LOCALITIES *and* DISEASES.

| NAMES OF LOCALITIES. WARDS. | NEW CASES OF SICKNESS IN PERSONS BELONGING TO THE DISTRICT. | | | | |
|---|--|----------|-------------|-------------|----------------------|
| | Small Pox. | Measles. | Scarlatina. | Diphtheria. | Continued Fevers. |
| Scotland..... | 29 | 451 | 96 | 4 | 737 |
| Vauxhall | 1 | 52 | 15 | .. | 191 |
| St. Paul's and Exchange..... | .. | 53 | 22 | 2 | 209 |
| St. Anne's and Lime Street | 7 | 113 | 41 | 2 | 255 |
| Castle Street and St. Peter's..... | 1 | 15 | 15 | 1 | 14 |
| Pitt Street and Great George..... | 2 | 85 | 53 | 1 | 74 |
| Rodney Street and Abercromby | 6 | 79 | 74 | 8 | 70 |
| Everton | 45 | 402 | 378 | 21 | 301 |
| Kirkdale..... | 8 | 230 | 114 | 15 | 103 |
| West Derby | 8 | 172 | 147 | 16 | 129 |
| The Toxteths..... | 6 | 363 | 455 | 11 | 697 |
| Emigrants, Seamen, and others ad- mitted to Hospital whose resi- dences were unknown..... | 13 | 27 | 12 | 2 | 20 |
| TOTALS..... | 126 | 2042 | 1422 | 83 | 2800 |

CITY OF LIVERPOOL.

MORTALITY MAP OF FEVER IN 1883.

The Red Dots mark the number of Deaths.
(The Deaths occurring in Hospitals, including the Toxteth Workhouse Hospital, which is situated outside the City, have been transferred to the streets from whence they came.)



R I V E R S E Y

- REFERENCE TO THE WARDS
- 1 Everton & Kirkdale
 - 2 Scotland
 - 3 Vauxhall
 - 4 St. Paul's
 - 5 Exchange
 - 6 Castle street
 - 7 St. Peter's
 - 8 Pitt street
 - 9 Great George
 - 10 Rodney street
 - 11 Abercromby
 - 12 Lime street
 - 13 St. Anne's street
 - 14 West Derby
 - 15 South Toxteth
 - 16 North Toxteth

DURING THE YEAR ENDING SATURDAY, 29TH DECEMBER, 1883.

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